

HUMIDITY.

Average relative humidity and departures from the normal.

Districts.	Average.	Departure from the normal.	Districts.	Average.	Departure from the normal.
New England	5		Missouri Valley.....	62	- 3
Middle Atlantic	74	- 4	Northern Slope	57	0
South Atlantic	64	- 7	Middle Slope	66	+ 6
Florida Peninsula	71	- 3	Southern Slope	68	+ 10
East Gulf	80	+ 3	Southern Plateau	31	+ 1
West Gulf	68	- 4	Middle Plateau	87	- 8
Ohio Valley and Tennessee	77	+ 4	Northern Plateau	59	+ 1
Lower Lake	62	- 6	North Pacific Coast	76	- 2
Upper Lake	68	- 2	Middle Pacific Coast	67	- 5
North Dakota	55	- 9	South Pacific Coast	69	+ 1
Upper Mississippi	67	0			

ATMOSPHERIC ELECTRICITY.

Numerical statistics relative to auroras and thunderstorms are given in Table VII, which shows the number of stations from which meteorological reports were received, and the number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 3,855 thunderstorms were received during the current month as against 5,305 in 1899 and 2,617 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country were most numerous were: 8th, 300; 7th, 225; 30th, 217; 28th, 215; 18th, 204.

Reports were most numerous from: Illinois, 297; Missouri, 270; Nebraska, 185; Ohio, 182.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz, 9th to 17th.

In Canada.—Auroras were reported as follows: Father

Point, 4th, 18th, 29th; Montreal, 5th; Toronto, 4th; Minnedosa, 1st, 2d, 4th; Qu'Appelle, 4th; Medicine Hat, 2d, 4th; Battleford, 1st, 2d, 5th, 26th.

Thunderstorms were reported as follows: Halifax, 9th, 15th; Grand Manan, 14th, 15th; Yarmouth, 9th, 15th, 18th, 19th; Father Point, 31st; Quebec, 14th; Montreal, 15th, 19th; Bissett, 13th; Kingston, 13th, 14th, 15th; Toronto, 8th, 17th, 30th; White River, 14th, 30th; Port Stanley, 8th, 12th, 15th, 27th, 31st; Saugeen, 8th, 27th, 28th; Parry Sound, 14th; Port Arthur, 14th; Minnedosa, 22d, 29th; Qu'Appelle, 10th; Medicine Hat, 10th, 27th; Swift Current, 5th, 6th, 11th, 12th, 13th, 19th, 20th; Calgary, 11th; Banff, 10th; Prince Albert, 21st, 27th; Battleford, 6th, 7th, 11th, 21st, 22d; Victoria, 3d; Barkerville, 8th, 10th.

WIND.

The maximum wind velocity at each Weather Bureau station for a period of five minutes is given in Table I, which also gives the altitude of Weather Bureau anemometers above ground.

Following are the velocities of 50 miles and over per hour registered during the month:

Maximum wind velocities.

Stations.	Date.	Velocity.	Direction.	Stations.	Date.	Velocity.	Direction.
Atlanta, Ga.	3	56	nw.	Mount Tamalpais, Cal.	22	62	w.
Block Island, R. I.	19	52	ne.	Do.	23	58	nw.
Cape Henry, Va.	4	52	nw.	Do.	24	58	nw.
Do.	24	50	n.	Do.	26	78	nw.
Eastport, Me.	19	53	e.	Do.	27	62	nw.
Huron, S. Dak.	31	50	se.	Do.	28	59	nw.
Lander, Wyo.	11	52	sw.	Do.	29	53	nw.
Mount Tamalpais, Cal.	10	54	nw.	Do.	30	55	nw.
Do.	11	71	nw.	New York, N. Y.	9	52	nw.
Do.	12	54	nw.	Do.	10	50	nw.
Do.	15	81	nw.	Do.	21	50	nw.
Do.	16	60	nw.	San Antonio, Tex.	29	50	w.
Do.	18	74	nw.	Sioux City, Iowa.	31	53	nw.
Do.	19	59	w.	Williston, N. Dak.	29	50	w.
Do.	21	57	w.				

DESCRIPTION OF TABLES AND CHARTS.

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Table I gives, for about 145 Weather Bureau stations making two observations daily and for about 25 others making only one observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation, the total depth of snowfall, and the mean wet-bulb temperatures. The altitudes of the instruments above ground are also given.

Table II gives, for about 2,700 stations occupied by voluntary observers, the highest maximum and the lowest minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (. . .).

Table III gives, for 44 stations selected out of 144 that main-

tain continuous records, the mean hourly temperatures deduced from the Richard thermographs described and figured in the Report of the Chief of the Weather Bureau, 1891-92, p. 29.

Table IV gives, for 44 stations selected out of 142 that maintain continuous records, the mean hourly pressures as automatically registered by Richard barographs, except for Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-92, pp. 26 and 30.

Table V gives, for about 157 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-92, p. 19.

Table VI gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in

any geographical division the average resultant direction for that division can be obtained.

Table VII gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table VIII gives, for about 95 stations, the average hourly sunshine (in percentages) as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table IX gives a record of rains whose intensity at some period of the storm's continuance equaled or exceeded the following rates:

Duration, minutes..	5	10	15	20	25	30	35	40	45	50	60	80	100	120
Rates pr. hr. (ins.)..	3.00	1.80	1.40	1.20	1.08	1.00	0.94	0.90	0.86	0.84	0.75	0.60	0.54	0.50

In the northern part of the United States, especially in the colder months of the year, rains of the intensities shown in the above table seldom occur. In all cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest rainfall of any single storm has been given, also the greatest hourly fall during that storm.

Table X gives, for about 30 stations furnished by the Canadian Meteorological Service, Prof. R. F. Stupart, director, the means of pressure and temperature, total precipitation and depth of snowfall, and the respective departures from normal values, except in the case of snowfall.

Table XI gives the heights of rivers referred to zeros of gages.

NOTES EXPLANATORY OF THE CHARTS.

Chart I, tracks of centers of high areas, and Chart II, tracks of centers of low areas, are constructed in the same

way. The roman numerals show number and chronological order of highs (Chart I) and lows (Chart II). The figures within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. Within each circle is also given (Chart I) the highest barometric reading and (Chart II) the lowest pressure at or near the center at that time.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all, by 0.0.

Chart IV.—Sea-level pressure, temperature, and resultant surface winds. The wind directions on this Chart are the computed resultants of observations at 8 a. m. and 8 p. m., daily; the resultant duration is shown by figures attached to each arrow. The temperatures are the means of daily maxima and minima and are reduced to sea level. The pressures are the means of 8 a. m. and 8 p. m. observations, daily, and are reduced to sea level and to standard gravity. The reduction for 30 inches of the mercurial barometer, as formerly shown by the marginal figures for each degree of latitude, has already been applied.

Chart V.—Hydrographs for seven principal rivers of the United States.

Chart VI.—Surface temperatures; maximum, minimum, and mean. Lines of equal monthly mean temperature in red; lines of equal maximum temperature in black; and lines of equal minimum temperature (dotted) also in black.

Chart VII.—Percentage of sunshine. The average cloudiness at each Weather Bureau station is determined by numerous personal observations during the day. The difference between the observed cloudiness and 100, it is assumed, represents the percentage of sunshine, and the values thus obtained have been used in preparing Chart VII.

Chart VIII.—Sea-level pressure, temperature, and resultant surface winds for West Indian stations, constructed as for Chart IV.

TABLE I.—Climatological data for Weather Bureau Stations, May, 1900.

Stations.	Elevation of instruments.		Pressure, in inches.		Temperature of the air, in degrees Fahrenheit.								Precipitation, in inches.		Wind.											
	Barometer above sea level, feet.		Thermometers above ground.		Mean actual, 8 a.m. + 8 p.m. + 2.				Mean maximum.				Greatest daily range.				Mean wet thermometer.		Maximum velocity.							
	Anemometer above ground.		Mean reduced.		Departure from normal.		Mean max. + mean min. + 2.		Departure from normal.		Mean maximum.		Date.		Mean minimum.		Mean temperature of the dew-point.		Total.		Departure from normal.		Prevailing direction.			
	Mean	actual,	Mean	reduced.	Departure	from	Mean	max.	Departure	from	Mean	maximum.	Date	Mean	minimum.	Mean	temperature	of	Total.	Departure	from	Miles per hour.	Direction.	Clear days.		
	m.	+ 8 p.m.	m.	+ 2.	normal.	normal.	m.	mean	normal.	normal.	m.	maximum.		m.	minimum.	m.	temperature	the dew-point.	Day with 0.1 or more.	Total movement,	Departure	prevailing	Maximum	velocity.	Partly cloudy days.	
																				miles.	from 0.1 or more.	direction.	date.	Cloudy days.	Average cloudiness, tenths.	Total snowfall.
New England.																										
Eastport	76	69	74	29.84	29.93	- .03	52.7	- 1.2	46.6	- 0.9	85	30	53	32	10	40	83	74	3.53	5.18	1.5	w.	53	19	12	5.5
Portland, Me.	103	81	89	29.82	29.92	- .05	49.8	- 3.8	88	15	58	80	11	41	46	44	88	67	4.09	+ 0.5	13	5.465	26	5	9	5.8
Northfield	876	75	65	29.90	29.94	- .03	50.2	- 3.5	88	14	63	22	11	37	45	46	40	70	1.60	- 1.5	13	7.241	8	14	13	6.7
Boston	125	115	181	29.81	29.95	- .02	55.2	- 1.8	93	15	65	33	11	43	47	49	43	68	5.07	+ 1.5	11	8.053	40	9	8	16
Nantucket	12	43	54	29.84	29.95	- .02	52.4	- 0.1	75	15	58	37	10	47	21	49	46	82	1.65	1.9	13	8.736	31	28	5	11
Woods Hole	23	11	57	29.98	29.93	- .03	53.2	- 0.3	74	15	59	36	10	47	24	49	46	80	3.03	+ 0.3	11	10.167	48	38	ne	10.5
Vineyard Haven	20	55	55	29.95	29.95	- .04	55.2	- 1.9	86	15	64	36	10	46	33	49	46	83	3.17	- 0.3	10	7.694	38	35	ne	8.4
Block Island	26	11	70	29.93	29.95	- .04	52.8	- 0.4	80	15	59	31	11	47	26	49	46	80	3.43	- 0.3	13	12.892	52	53	ne	19
Narragansett	10	55	55	29.95	29.95	- .04	53.8	- 0.8	80	15	63	28	11	45	29	36	51	44	4.18	+ 0.1	7	6.750	26	25	16	9
New Haven	108	117	140	29.84	29.96	- .03	57.5	- 0.1	92	15	68	33	10	47	36	51	44	64	2.78	- 0.9	10	5.704	29	25	s.	8.3
Mid. Atlan. States.																										
Albany	97	84	113	29.85	29.96	- .01	58.0	- 1.3	93	14	70	31	11	46	36	50	43	60	1.36	- 1.8	10	5.704	s.	17	12	5.1
Binghamton	875	79	90	29.84	29.96	- .03	57.3	- 0.5	85	14	70	30	6	43	43	50	52	62	0.53	- 3.6	7	4.831	36	10	11	5.4
New York	814	108	946	29.63	29.96	- .03	60.8	- 1.3	89	15	70	38	10	52	31	46	45	61	4.05	+ 0.9	15	10.247	52	9	12	10
Harrisburg	374	94	104	29.84	29.95	- .02	62.6	- 2.4	92	15	73	38	5	53	37	50	52	64	1.33	- 3.4	6	5.431	30	13	5	13
Philadelphia	117	168	184	29.85	29.97	- .04	63.0	- 1.0	93	15	74	40	10	53	32	55	49	63	4.11	+ 0.9	9	7.572	24	26	14	10
Atlantic City	52	68	76	29.92	29.97	- .03	59.7	- 1.5	90	14	68	37	10	51	34	53	50	78	3.23	- 0.5	10	9.145	42	28	12	10
Cape May	17	47	51	29.98	30.00	- .00	59.4	- 0.8	87	14	66	41	10	53	27	51	50	61	1.00	- 2.8	7	4.101	w.	21	18	9
Baltimore	123	68	82	29.85	29.98	- .02	65.2	- 1.0	94	15	76	40	4	55	35	55	50	60	4.02	+ 0.1	7	4.914	n.w.	28	17	5
Washington	112	59	76	29.86	29.98	- .03	61.4	- 0.5	94	15	77	38	10	52	38	56	49	60	3.39	- 0.7	12	10.582	s.	52	n.w.	12
Cape Henry	5	34	34	29.87	29.98	- .01	65.5	- 1.0	90	8	74	46	11	57	36	50	59	69	2.74	+ 0.2	8	5.165	24	26	16	8
Lynchburg	681	83	88	29.27	29.98	- .01	66.4	- 0.4	93	15	79	43	4	54	37	57	50	59	4.07	+ 0.2	8	5.025	n.w.	22	14	8
Norfolk	91	102	111	29.90	30.00	- .00	66.8	- 0.4	94	16	77	46	4	57	31	59	54	69	2.20	- 0.1	13	7.667	s.	44	n.w.	17
Richmond	144	98	105	29.87	29.98	- .02	67.0	- 0.8	94	16	79	43	4	55	35	50	55	70	5.165	se.	26	n.w.	9	14	8	9.42
S. Atlantic States.																										
Charlotte	773	68	76	29.19	30.00	+ .01	69.0	- 0.6	91	14	80	44	10	58	32	59	51	59	2.11	- 2.2	6	4.969	sw.	27	sw.	9
Hatteras	11	17	36	30.00	30.01	+ .01	67.0	- 0.6	88	78	72	50	10	57	30	59	60	81	4.24	- 0.4	8	10.609	47	n.	9	4.83
Kittyhawk	8	12	30	29.87	29.97	- .02	65.4	- 0.6	86	74	70	40	10	57	30	59	62	84	4.41	+ 0.7	10	11.053	w.	23	20	6
Raleigh	376	93	101	29.82	29.91	+ .01	69.0	- 1.5	93	14	81	46	10	57	32	60	54	64	3.12	- 1.3	10	4.590	sw.	31	sw.	18
Wilmington	78	82	90	29.94	30.02	+ .03	70.0	- 0.8	87	28	79	52	27	61	31	63	60	76	3.33	- 0.8	10	9.230	32	w.	9	19
Charleston	48	14	92	29.99	30.04	+ .04	73.8	- 1.4	87	28	80	59	11	67	21	65	69	70	1.88	- 2.6	9	7.898	31	n.	10	20
Columbia	5	55	55	29.87	29.98	- .02	71.6	- 0.4	91	13	84	47	11	53	39	50	53	50	3.50	- 0.4	10	20	6	5.37		
Augusta	180	89	103	29.82	29.91	+ .01	71.0	- 1.0	88	13	82	48	11	61	33	62	57	65	2.01	- 1.4	8	4.462	s.	27	w.	19
Savannah	65	79	89	29.96	30.02	+ .01	73.0	- 0.1	87	13	81	57	11	65	24	66	63	78	2.65	- 0.3	8	5.486	sw.	25	w.	19
Jacksonville	43	69	84	29.97	30.02	+ .04	74.6	- 0.8	90	20	82	59	5	67	21	61	61	75	2.90	- 1.1	9	5.775	se.	27	sw.	24
Florida Peninsula.																										
Jupiter	28	13	30	29.95	29.98	+ .01	78.7	- 1.0	88	29	82	64	1	73	16	71	70	82	7.43	- 1.6	15	7.641	e.	28	e.	15
Key West	22	49	50	29.95	29.97	+ .01	77.4	- 2.0	84	22	81	68	14	74	14	73	71	81	9.55	+ 6.4	12	7.657	s.	36	ne.	14
Tampa	34	60	67	29.95	29.99	+ .01	76.2	- 0.2	89	8	84	61	5	68	23	69	66	63	3.58	- 0.6	6	5.353	ne.	24	s.	1
East Gulf States.																										
Atlanta	1,174	189	156	28.79	30.00	- .02	71.0	- 1.0	88	13	80	45	4	60	27	59	51	59	2.94	- 0.2	7	7.038	sw.	56	n.w.	3
Macson	370	93	99	29.99	30.00	- .02	74.6	- 1.1	88	13	82	46	11	60	35	59	63	62	2.07	- 2.3	7	4.314	se.	26	n.w.	9
Pensacola	56	78	90	29.93	29.99	+ .02	74.4	- 0.8	88	19	82	58	5	68	22	67	64	74	10.14	+ 5.8	9	6.141	s.	35	n.w.	17
Mobile	57	88	96	29.93	29.99	+ .02	73.3	- 0.5	89	16	84	52	11	63	30	64	58	63	2.09	- 1.4	4	4.739	s.	24	s.	20
Montgomery	223	100	112	29.75	29.98	- .01	71.0	- 0.6	88	29	82	45	11	60	37	50	53	61	1.61	- 4.3	8	4.028	s.	21	w.	19
Meridian	375	84	93	29.84	29.95	- .02	72.8	- 0.2	90	24	83	53	4</td													

TABLE II.—Climatological record of voluntary and other cooperating observers, May, 1900.

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>California—Cont'd.</i>						<i>Colorado—Cont'd.</i>						<i>Florida—Cont'd.</i>					
Represa	86	44	64.8	1.72	Ins.	Leadville	76	30	49.5	0.16	0.8	Stephensville* ¹	90	50	73.0	0.55	Ins.
Rivista	83	45	65.9	1.89		Leroy	88	32	59.6	2.10	12.0	Tallahassee	88	55	74.2	2.06	
Riverside	96	41	67.0	1.29		Longs Peak	70	19	44.9	0.60	0.8	Tarpon Springs	85	57	74.6	5.03	
Roe Island L. H.	97	40	65.6	2.60		Mancos	82	28	54.4	1.14		Wausau	92	47	74.0	0.68	
Rosewood						Marshall Pass						<i>Georgia.</i>					
Sacramento	92	48	66.0	8.79		Meeker	93	24	65.0	0.69		Adairsville	87	40	68.6	4.28	
Salinas* ¹	79	55	62.4	0.81		Mitchell						Albany	95	50	75.6	0.62	
Salton* ¹	117	69	93.5	0.00		Montrose						Allapha	86	49	71.5	2.00	
San Bernardino	97	38	66.4	1.71		Moraine	75	21	48.0	1.30		Ailentown	92	44	72.0	2.59	
San Jacinto	99	39	66.8	1.88		Pazoda	84	27	53.6	0.47		Amerlous	90	47	78.2	1.64	
San Jose	92	41	64.8	0.96		Palmer						Athens b.	92	46	70.0	2.97	
San Leandro* ¹	83	52	62.9	0.58		Parachute	92	34	61.7	0.17		Bainbridge	89	53	74.6	2.29	
San Luis L. H.				0.96		Rockyford	90	38	61.7	2.28		Bellville					
San Mateo* ¹	88	57	65.8	0.65		Ruby						Blakely	90	50	78.6	1.18	
San Miguel* ¹	92	50	66.2	0.45		Saguache	80	20	54.2	1.65		Camak	92	50	71.6	2.66	
Santa Barbara a	83	47	60.8	1.90		Salida	87	27	55.1	0.50		Carlton					
Santa Barbara L. H.				1.52		San Luis	81	26	52.7	1.43	4.7	Cedartown	87	43	68.6	1.85	
Santa Clara a				0.77		Santa Clara* ¹	81	25	52.2	2.95	2.0	Clayton	89	37	64.9	2.07	
Santa Cruz b	84	37	59.4	0.94		Sapirero						Columbus	90	51	73.8	1.02	
Santa Cruz L. H.				0.71		Sargent's						Covington	95	44	71.2	2.21	
Santa Maria	84	45	68.1	1.97		Seibert						Dahlongea	91	33	63.0	3.08	
Santa Monica* ¹	73	54	68.1	1.60		Silt	87	32	58.4	0.13		Diamond	89	32	65.2	4.18	
Santa Paula	101	46	67.5	1.49		Springfield						Dublin					
Santa Rosa* ¹	90	45	64.0	0.60		Strickler Tunnel						Eastman	90	49	72.7	0.98	
Shasta	94	42	66.5	3.00		Trinidad	89	34	59.2	2.20		Fitzgerald	89	50	71.3	5.44	
Sierra Madre	89	44	64.5	2.84		Troutdale	80	19	46.1	0.75	4.5	Fleming	89	45	71.0	5.85	
Sonoma				0.47		Twinslakes						Fort Gaines	89	49	78.4	8.85	
S. E. Farallone L. H.				0.10		Villas						Franklin	89	50	71.2	4.44	
Stanford University	86	41	60.8			Wagon Wheel	75	19	45.1	1.15		Gainesville	85	42	68.5	1.31	
Stockton	90	45	63.8	1.82		Wallet						Greenbush	89	38	67.2	4.40	
Summerdale	75	26	51.2	1.87		Westcliffe	76	24	49.1	1.55	1.5	Griffin	90	49	69.9	3.32	
Susanville	77	24	55.0	0.64		Wray	92	39	62.6	0.61		Harrison	90	45	70.8	8.69	
Tehama* ¹	95	54	69.0	1.19		Yuma						Hawkinsville					
Tejon Ranch	91	44	68.8	1.57		<i>Connecticut.</i>						Hephzibah					
Templeton* ¹	100	49	64.2	0.85		Bridgeport	92	31	58.2	2.90		Jesup	90	50	72.8	1.43	
Thermalito	94	43	67.1	0.89		Canton	92	23	54.8	6.05		Lost Mountain	90	44	69.3	3.07	
Trinidad L. H.				2.96		Colchester	91	26	56.8	3.93		Louisville	90	53	71.9	1.65	
Truckee* ¹	78	30	48.6	0.80		Falls Village						Lumpkin	89	53	73.4	1.12	
Tulare b	100	42	69.2	2.03		Hartford b	91	32	57.3	5.08		Marshallville					
Tulare c				2.03		Hawleyville	90	27	57.4	5.98		Maury	92	42	73.4	4.55	
Ukiah	90	35	61.7	0.51		Middletown	94	25	57.6	3.62		Milieu	92	46	71.6	2.59	
Upper Lake	88	39	60.8	0.81		New London	91	34	58.6	4.84		Morgan	89	45	70.8	0.51	
Upper Mattole				3.61		North Grosvenor Dale	93	24	55.1	5.84		Naylor	92	50	73.9	1.05	
Vacaville a* ¹	97	48	66.6	0.34		Norwall	96	28	58.3	3.62		Newman	90	46	70.2	8.51	
Ventura	76	44	60.8	1.40		Southington	91	25	57.2	5.15		Oakdale					
Visalia b	95	41	66.0	1.84		Storrs	90	25	55.2	4.91		Point Peter	94	42	68.8	3.47	
Volcano Springs* ¹	114	66	86.2	0.00		Voluntown	90 ¹	24 ¹	55.6 ¹	4.48		Poulain	88	44	71.1	1.96	
Walnutcreek	94	48	66.4	0.77		Wallingford						Putnam	91	44	72.2	1.23	
Westpoint				1.75		Waterbury	94	26	58.1	4.89		Quitman	92	47	73.5	8.16	
Wheatland	93	44	65.3	2.18		West Cornwall	86	27	54.0	5.13	0.2	Ramsey	88	38	67.4	2.08	
Williams* ¹	94	54	71.2	0.58		West Simsbury						Resaca					
Wilmington* ¹	79	53	64.9	1.89		Wyoming	103	31	65.6	2.43		Rome	89	43	69.2	1.77	
Wire Bridge* ¹	89	48	66.1	2.84		<i>District of Columbia.</i>						Statesboro	92	47	72.7	3.01	
Yerba Buena L. H.				0.05		Distributing Reservoir* ¹	90	45	66.9	8.13		Talbotton	91	42	71.2	0.85	
Yreka	81	35	56.2	0.37		Receiving Reservoir* ¹	88	45	68.4	2.68		Tallapoosa	86	39	67.6	1.99	
<i>Colorado.</i>						West Washington	95	35	64.5	4.53		Thomasville	90	50	74.7	3.49	
Arkans						<i>Florida.</i>						Toccoa	92	44	69.0	1.77	
Boulder	88	32	59.8	1.84		Archer	92	53	75.6	2.65		Union Point	89	48	68.9	2.39	
Boxelder						Bartow	95	57	77.0	4.28		Valona					
Breckenridge	69	11	59.9	1.68	19.0	Brooksville	92	58	75.5	4.77		Washington	89	50	70.8	3.21	
Buenavista				0.07		Carabelle	98	56	78.4	0.90		Waycross	94	48	74.4	2.45	
Canyon	89	39	60.3	2.28		Clermont	93	64	78.4	4.0		Waynesboro	89	46	69.2	1.88	
Castrooc	88	28	58.2	0.55		Dalkeith	91	51	75.5	4.28		Westpoint	90	45	72.0	0.67	
Cedaredge	87	30	58.5	0.76		De Funik Springs	92	49	74.2	4.63		Whiteoak	89	50	72.0	1.67	
Cheyenne Wells	87	38	60.1	0.89		Deland	93	56	75.0	5.0		<i>Idaho.</i>					
Clearview* ¹	69	18	44.2	2.91	8.5	Ernestville	92	59	76.9	5.67		Albion	81	29	54.2	0.77	
Colbran				0.93		Eustis	93	59	76.9	4.23		American Falls	85	29	54.8	0.90	
Colorado Springs	80	34	55.5	2.08		Federal Point	90	53	78.0	8.67		Atlanta	75	27	49.8	2.09	
Cope	92	37	61.5	1.64		Fort Meade	93	60	76.8	4.93		Blackfoot	88	32	57.1	0.98	
Crook	88	33	63.8	2.87		Gainesville	94	58	76.4	4.05		Burnside	78	29	52.1	0.85	
Delta	95	30	62.4	0.67		Huntington	92	56	74.0	2.98		Challis	85	32	57.4	0.86	
Dumont				1.02		Hypoluxo	90	68	77.8	7.05		Chesterfield	80	24	50.9	1.37	
Durango	85	29	56.5	0.82		Inverness	88	58	74.3	4.54		Downey	84	21	53.6	0.04	
Fairview	78	27	49.8			Jasper	90	53	74.0	1.40		Fort Sherman	84	32	54.0	2.84	
Fort Collins	85	30	57.8	1.75		Kissimme	93	60	76.1	5.84		Forney	88	25	51.6	3.02	
Fort Morgan	91	81	60.9	1.08		Lake Butler						Garnet	100	33	65.9	1.47	
Fox				1.00		Lake City	91	52	75.2	2.23		Hagerman	96	35	62.5	0.68	
Garnett	80	25	51.5	1.17		Macclenny	94	49	74.7	0.68		Hailey	92	27	58.0	1.55	
Georgetown	76	27	50.1			Man											

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Idaho—Cont'd.</i>						<i>Indiana—Cont'd.</i>	○	○	○	Ins.	Ins.	<i>Iowa—Cont'd.</i>	○	○	○	Ins.	Ins.
Priest River.....	82	32	55.0	2.47		Angola.....	86	31	61.8	2.23		Cedar Rapids.....	93	35	65.6	3.13	
St. Maries.....	84	35	56.4	3.84		Auburn.....	93	32	63.4	2.44		Centerville.....	90	35	64.6	4.83	
Salubria.....	84	39	56.2	2.11		Bedford.....	85	35	63.2	3.82		Chariton.....	86	32	63.3	3.47	
Soldier.....	80	22	51.6	0.80	T.	Bloomington.....	89	30	65.6	4.79		Charles City.....	90	29	62.4	2.87	
Swan Valley.....	82	21	52.3	1.22	1.0	Bluffton.....	83	29	64.3	3.34		Chillicothe.....	.....	.....	.....	5.10	
Weston.....	83	31	55.4	1.30		Boonville.....	92	35	65.9	3.34		Clarinda.....	92	32	65.0	4.46	
<i>Illinois.</i>						Butterville.....	90	33	64.6	3.64		Clearlake.....	93	28	62.8	3.30	
Albion.....	89	34	67.0	5.20		Cambridge City.....	90	28	62.2	4.79		Clinton.....	90	31	63.0	4.77	
Alexander.....	89	37	65.2	2.75		Columbus.....	91	31	63.2	2.79		College Springs.....	95	30	65.1	8.85	
Ashton.....	89	28	61.4	5.80		Connersville.....	92	33	63.4	6.17		Coon Rapids.....	89	32	64.0	2.99	
Astoria.....	87	33	63.7	2.72		Crawfordsville.....	92	32	64.4	5.57		Corning.....	88	30	62.8	3.97	
Aurora a.....	91	32	62.8	4.17		Delphi.....	92	32	64.4	4.38		Council Bluffs.....	91	32	65.4	2.98	
Beardstown.....	.....	.....	.....	4.44		Edwardsville *1.....	88	42	68.4	5.68		Cresco.....	85	26	60.6	4.72	
Bloomington.....	93	34	66.0	5.40		Fairmount.....	93	30	64.4	5.77		Cumberland.....	.....	.....	.....	2.78	
Bushnell.....	91	38	66.8	4.12		Farmland.....	89	32	62.4	4.42		Danville.....	.....	.....	.....	4.22	
Cambridge.....	87	36	63.2	4.41		Fort Wayne.....	91	30	63.6	3.40		Decorah.....	89	30	61.5	3.84	
Carlinville.....	89	36	66.2	4.85		Gentry.....	91	40	66.4	5.48		Delaware.....	89	31	61.8	2.25	
Carlyle.....	91	33	65.7	6.25		Greencastle.....	87	36	65.0	6.34		Denison.....	89	29	63.7	2.37	
Centralia.....	91	33	68.7	3.47		Hammond.....	88	33	68.4	4.15		Desoto.....	91	35	65.9	4.14	
Charleston.....	92	32	66.4	4.00		Hector.....	92	30	65.6	3.04		Dows.....	90	25	62.2	4.75	
Chemung.....	88	27	59.4	1.78		Huntington.....	92	34	64.2	5.77		Elidon.....	91	35	65.2	5.74	
Chester.....	.....	.....	.....	4.45		Jeffersonville.....	90	40	66.6	5.56		Elkader.....	94	29	63.4	4.13	
Cisne.....	89	35	65.8	4.24		Knightstown.....	92	32	64.4	6.03		Emerson.....	.....	.....	.....	2.18	
Coatsburg.....	90	36	65.2	4.79		Kokomo.....	90	34	65.9	5.79		Emmettsburg.....	.....	.....	.....	2.52	
Cobden.....	89	36	68.0	6.57		Lafayette.....	90	32	64.3	6.89		Estherville.....	92	28	59.8	2.06	
Danville.....	92	31	64.6	5.45		Laporte.....	93	32	63.7	2.14		Fairfield.....	88	35	64.0	5.31	
Decatur.....	92	31	65.0	4.78		Logansport.....	91	35	65.8	2.00		Fayette.....	90	26	61.3	1.95	
Dixon.....	89	34	62.8	5.25		Madison a.....	92	37	66.2	4.58		Fonda.....	93	26	64.2	4.73	
Dwight.....	90	31	62.8	3.72		Madison b.....	.....	.....	.....			Forest City.....	89	26	62.0	2.47	
Effingham.....	89	33	66.2	3.41		Madison b.....	.....	.....	.....			Fort Dodge.....	92	28	62.9	4.57	
Elgin.....	88	30	61.2	2.08		Marenzo.....	91	33	65.4	5.34		Fort Madison.....	92	28	63.8	3.93	
Equality.....	91	36	67.4	3.89		Marion.....	92	30	64.6	3.94		Galva.....	96	29	63.8	3.54	
Flora.....	88	35	66.4	4.95		Markle.....	90	31	63.5	4.40		Gilmantown.....	.....	.....	.....	2.50	
Friendgrove *1.....	92	40	69.1	4.40		Mauzy.....	89	32	63.7	6.62		Gladbrook.....	89	31	64.7	1.50	
Galva.....	87	32	62.8	4.28		Mount Vernon.....	.....	.....	.....			Glenwood.....	86	32	60.8	2.53	
Glenwood.....	92	33	64.4	2.87		Northfield.....	89	29	63.2	7.39		Grand Meadow *1.....	93	28	64.0	1.95	
Grafton.....	.....	.....	.....	6.67		Paoli.....	91	33	66.4	4.19		Greene.....	93	28	63.4	1.26	
Grayville.....	90	40	69.2	3.96		Prairie Creek.....	93	20	66.3	5.24		Griffenfield.....	92	28	64.4	2.99	
Greenville.....	89	40	67.0	7.63		Princeton.....	92	33	65.9	4.75		Grinnell.....	89	31	63.0	4.94	
Griggsville.....	89	34	66.1	4.20		Rensselaer.....	91	36	64.8	4.05		Guthrie Center.....	88	30	63.3	3.34	
Halfway.....	89	36	68.0	3.09		Richmond.....	90	29	60.7	7.28		Hamburg.....	95	29	63.2	2.47	
Holiday.....	90	34	68.0	3.27		Rockport.....	91	44	69.1	4.71		Hampton.....	95	29	63.2	2.47	
Henry.....	88	33	63.8	4.76		Rockville.....	90	32	64.7	5.91		Harlan.....	89	27	63.6	3.09	
Hillsboro.....	89	37	65.1	5.14		Salem.....	94	31	65.8	3.41		Hawkeye.....	97	29	63.4	3.71	
Joliet.....	89	34	62.2	4.27		Scottsburg.....	90	38	66.2	5.44		Hedrick.....	90	32	63.2	4.53	
Kishwaukee.....	88	30	61.9	3.46		Seymour.....	91	38	66.8	5.05		Hopeville.....	88	32	63.0	4.84	
Knoxville.....	88	31	62.1	3.97		Shelbyville.....	90	36	66.0	6.56		Hoprig.....	.....	.....	.....	1.03	
Lagrange.....	89	34	60.6	3.78		South Bend.....	89	31	62.9	1.74		Humboldt.....	91	28	63.4	2.38	
Laharpe.....	88	38	64.0	8.50		Syracuse.....	91	32	64.1	2.58		Independence.....	89	30	61.6	1.74	
Lanark.....	89	25	61.8	4.23		Terre Haute.....	91	34	66.1	3.29		Indianola.....	88	31	64.6	4.17	
Loami.....	.....	.....	.....	3.33		Topeka.....	84	33	61.2	2.25		Iowa City.....	90	35	64.1	4.31	
Moleansboro.....	89	35	67.3	5.84		Valparaiso.....	88	36	61.8	4.00		Iowa Falls.....	92	27	63.2	1.79	
Martinsville.....	90	34	66.0	4.58		Veedersburg.....	94	29	65.6	5.80		Keosauqua.....	90	36	65.7	3.61	
Martinton.....	89	32	62.6	4.22		Vevay.....	90	38	66.2	5.35		Knoxville.....	91	40	65.8	3.38	
Mascoutah.....	87	37	63.4	5.50		Vincennes.....	96	35	66.4	3.18		Lacona.....	97	29	63.4	4.35	
Mattoon.....	90	38	67.6	4.02		Washington.....	94	35	65.7	4.14		Lansing.....	92	28	63.4	6.30	
Minonk.....	91	30	62.8	3.09		Winamac.....	90	31	63.4	3.74		Larrabee.....	97	29	63.4	4.56	
Monticello.....	89	32	63.4	5.11		Worthington.....	93	30	65.9	7.29		LeClaire.....	.....	.....	.....	4.56	
Morrisonville.....	88	38	64.9	2.95		Indian Territory.	.....	.....	.....			Lemars.....	89	28	63.2	0.96	
Mount Carmel.....	88	34	66.2	2.66		Claremore.....	91	43	68.7	5.98		Lenox.....	86	29	63.0	5.71	
Mount Pulaski.....	90	34	65.5	3.57		Fairland.....	87	44	68.6	5.62		Logan.....	90	27	63.0	1.97	
Mount Vernon.....	88	35	65.5	3.90		Hartshorne.....	90	43	70.7	1.50		Maple Valley.....	87	30	64.0	2.50	
New Burnside.....	93	35	69.4	3.90		Healdton.....	89	41	68.5	6.23		Maquoketa.....	87	30	61.2	6.98	
Olney.....	91	33	66.4	3.14		Lehigh.....	93	45	70.5	2.28		Marshalltown.....	92	31	64.7	3.08	
Ottawa.....	91	35	64.8	5.60		Muscogee.....	88	44	67.2	4.14		Mason City.....	90	24	60.3	2.90	
Palestine.....	90	31	65.7	8.86		Pauls Valley.....	89	47	65.7	5.39		Melrose.....	90	30	61.4	1.82	
Pana.....	88	37	65.2	2.30		Ryan.....	90	52	70.5	7.39		Monticello.....	87	35	62.3	2.75	
Paris.....	91	34	65.8	5.16		South McAlester.....	.....	.....	.....			Moar.....	87	35	62.3	6.50	
Peoria a.....	91	36	65.2	5.54		Tablequah.....	87	42	67.2	4.70		Mount Pleasant.....	90	30	64.0	4.11	
Peoria b.....	91	30	63.0	6.19		Tulsa.....	.....	.....	.....			Mount Vernon a *1.....	89	38	63.6	4.80	
Philo.....	91	37	63.8	4.86		Aigona.....	93	36	64.1	1.04		Mount Vernon b.....	92	32	64.0	4.85	
Plumhill.....	85	37	63.8	4.86		Alta a.....	91	27	62.8	3.00		Murray.....	92	27	63.2	5.67	
Rantoul.....	90	35	64.0	4.69		Amana.....	90	34	68.8	4.18		New Hampton.....	88	27	61.2	2.29	
Raum.....	90	40	69.4	5.97		Ames.....	90	33	64.4	4.36		Newton.....	89	32	64.0	4.03	
Riley.....	88	30	61.3	3.08		Ames b.....	90	33	64.4	3.65		Northwood.....	88	29	62.2	2.31	
Robinson.....	89	32	65.8	5.26		Ames (near).....	.....	.....	.....			Odebolt.....					

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Iowa—Cont'd.	○	○	○	Ins.	Ins.	Kentucky.	○	○	○	Ins.	Ins.	Maine—Cont'd.	○	○	○	Ins.	Ins.
Sibley	94	22	62.2	1.29		Alpha* ⁸	94	42	67.6	0.88		Kineo	78	25	47.3	3.49	T.
Sigourney	92	33	65.5	4.62		Bardstown	95	34	67.2	4.19		Lewiston	88	29	51.2	4.04	
Sioux Center	93	30	64.3	2.30		Blandine	89	39	68.4	4.71		Mayfield	84	22	48.0	5.84	T.
Storm Lake	87	29	62.7	1.47		Bowling Green	92	39	68.2	4.01		North Bridgton	87	26	50.5	3.93	T.
Stuart	89	31	64.6	3.84		Burnside .....	.....	.....	.....	.....		Orono	83	26	49.4	8.24	T.
Thurman	89	31	65.6	2.81		Canton* ¹	91	46	69.3	4.17		Pettit Manan* ¹	62	30	40.5	.....
Toledo	98	32	65.2	2.57		Carrollton	90	46	68.3	5.68		Rumford Falls	85	26	48.6	4.57	T.
Villisca	92	28	66.8	4.22		Catlettsburg	92	31	64.3	8.77		Winslow	84	22	50.6	6.32	
Vinton* ¹	90	39	63.2	1.68		Earlington	95	37	68.2	6.19		Maryland.	.....	.....	.....	.....
Wapello	92	32	65.1	3.89		Edmonton	93	33	67.0	2.66		Annapolis	93	33	65.3	1.60	
Washington	88	32	63.8	2.80		Eubank	90	30	63.8	2.45		Bachmans Valley	90	33	60.5	2.76	
Washta .....	.....	.....	.....	2.81		Falmouth	89	37	65.2	3.50		Boettchererville	96	26	63.6	2.76	
Waterloo	93	31	63.6	1.37		Frankfort	88	36	65.6	3.29		Boonsboro a	96	32	64.2	1.80	
Waverly	91	31	63.4	1.35		Georgetown	93	32	65.9	3.41		Cambridge	93	42	66.1	1.68	
Westbend* ¹	93	33	62.9	2.34		Henderson	92	43	68.5	8.80		Charlotte Hall	95	35	61.2	1.79	
Westbranch	93	30	63.6	3.91		Hopkinsville	90	36	66.0	3.23		Chase	96	35	61.5	4.05	
West Union .....	.....	.....	.....	2.29		Irvington	89	37	66.2	2.88		Chestertown	88	41	64.2	2.63	
Whitten	90	27	62.4	1.48		Jackstown	91	29	63.8	1.27		Chewsville	92	29	61.2	2.52	
Wilton Junction	89	34	63.3	4.59		Leitchfield	89	35	64.9	4.55		Coleman	93	37	63.8	3.39	
Winterset	90	32	64.5	4.34		Loretto	90	30	64.7	4.11		Collegepark	93	37	63.8	3.39	
Kansas.	.....	.....	.....	.....		Marrowbone	92	32	65.0	1.13		Cumberland a	82	39	63.5	2.68	
Abilene	92	37	66.8	4.56		Maysville	96	32	66.1	3.43		Cumberland b .....	.....	.....	.....	2.00	
Achilles	92	29	61.9	0.55		Middleboro	89	31	63.0	.....		Darlington	92	38	62.9	3.17	
Altoona .....	.....	.....	.....	2.94		Middlebury	88	30	65.8	2.25		Deerpark	88	20	55.4	2.63	
Anthony .....	.....	.....	.....	4.51		Mount Hermon	88	39	65.8	2.25		Denton	98	34	64.7	1.91	
Atchison a	88	36	66.0	2.58		Mount Sterling	92	34	65.4	3.09		Easton	91	35	63.2	1.91	
Baker	89	37	65.5	3.85		Owensboro	90	40	67.2	4.41		Ellicott City	91	33	61.6	1.90	
Beloit	91	34	64.2	2.55		Owenton	91	36	66.2	5.23		Falston	92	34	62.5	2.66	
Burlington	89	37	66.4	5.24		Paducah a	95	43	70.4	5.05		Frederick	94	37	64.2	1.55	
Campbell	92	33	65.5	3.74		Paducah b	91	33	65.8	4.06		Frostburg	90	31	61.8	2.28	
Chanute	90	37	67.6	5.35		Pikeville	92	37	68.4	4.04		Grantsville	88	25	57.2	1.67	
Coburn* ¹	88	36	64.0	8.10		Princeton	92	35	65.9	2.17		Greatfalls	93	34	63.8	1.75	
Colby	90	30	61.7	0.20		Richmond	92	35	64.6	3.25		Greenspring Furnace	94	32	63.0	3.04	
Columbus	88	40	66.8	6.27		St. John	89	33	64.6	3.26		Hagerstown	96	33	64.1	2.60	
Coolidge	88	39	62.6	1.50		Scott	90	35	65.2	3.26		Hancock	99	29	63.4	2.32	
Cunningham	88	36	65.4	3.86		Shelby City	93	31	65.4	2.25		Harney .....	.....	.....	.....	1.26	
Delphos	90	35	65.7	3.17		Shelbyville	95	36	67.2	6.11		Jewell	93	40	64.0	2.01	
Dresden	89	37	62.0	0.61		Shreveport	94	32	61.6	4.25		Johns Hopkins Hospital	91	38	63.5	1.15	
Ellinwood	89	36	64.2	3.94		Spokane	95	33	63.4	2.67		Laurel	95	33	63.4	2.67	
Englewood	90	38	66.0	1.22		St. Louis	98	35	65.0	5.28		McDonogh	90	38	64.2	3.30	
Eureka .....	.....	.....	6.18	.....		St. Paul	98	55	74.3	8.20		Mount St. Marys Coll	93	33	63.1	2.00	
Fallriver	89	40	57.8	3.82		St. Paul	95	49	74.6	4.90		Newmarket	92	35	64.4	2.20	
Fanning	91	32	65.6	3.84		St. Paul	91	49	73.6	4.68		Pocomoke	92	40	65.0	4.06	
Frankfort	92	34	65.4	4.02		St. Paul	98	45	73.2	3.15		Prince Fredericktown	90	39	63.2	1.19	
Garden City	94	38	64.8	2.05		St. Paul	91	53	74.6	2.62		Princess Anne	90	39	63.2	2.79	
Garfield .....	.....	.....	2.00	.....		St. Paul	91	50	73.6	7.02		Queenstown	91	39	64.3	2.51	
Gove* ¹	90	43	65.5	1.10		St. Paul	88	45	72.1	3.41		Rockhall a	94	39	64.4	2.44	
Grenola	89	38	67.0	5.25		St. Paul	94	50	74.2	4.02		Rockhall b	91	39	63.6	2.82	
Hays	90	27	63.1	3.43		St. Paul	88	49	73.0	5.91		Smithsburg a	93	28	61.6	2.59	
Horton	89	36	65.6	3.68		St. Paul	93	44	70.7 ^d	5.05		Smithsburg b	94	31	63.4	1.94	
Hoxie	93	38	64.2	1.28		St. Paul	88	56	74.2	3.14		Solomons	95	43	65.6	1.86	
Hutchinson	90	37	66.2	3.89		St. Paul	93	57	75.6	7.50		Sudlersville	90	37	62.9	2.02	
Independence	91	41	68.9	4.27		St. Paul	93	54	74.8	4.29		Sunnyside	87	23	56.3	3.11	
Lakin	93	38	64.4	1.19		St. Paul	94	50	74.4	2.86		Takoma Park	92	35	64.0	3.10	
Lawrence	86	39	66.3	4.70		St. Paul	89	52	73.8	6.60		Taneytown	91	34	61.2	1.56	
Lebanon	90	32	62.0	2.50		St. Paul	93	54	75.4	6.30		Van Bibber	93	36	62.7	8.60	
Lebo	88	38	66.8	4.87		St. Paul	91	51	73.3	5.57		Westernport	90	28	60.0	2.35	
Little River	89	43	64.3	3.46		St. Paul	95	53	74.8	3.31		Westminster	91	33	61.7	2.36	
Macksville	86	36	63.4	4.25		St. Paul	90	55	75.0	6.75		Woodstock	93	33	64.2	2.30	
McPherson	91	35	65.4	5.38		St. Paul	91	49	73.8	4.15		Massachusetts.	.....	.....	.....	.....
Madison	89	38	66.5	5.65		St. Paul	89	52	72.3	4.30		Attleboro .....	.....	.....	.....	6.17	
Manhattan a	91	39	67.6	4.06		St. Paul	89	58	75.4	3.35		Bedford	92	27	53.9	4.22	
Manhattan c	91	36	67.6	3.94		St. Paul	95	46	73.3	2.98		Blue Hill (summit)	93	25	53.6	4.93	T.
Mariou	88	38	66.2	6.30		St. Paul	90	44	71.4	4.01		Cambridge	93	28	55.6	4.93	
Meade .....	.....	.....	2.45	.....		St. Paul	92	51	75.1	0.55		Chestnut Hill	95	26	56.0	5.41	
Medicine Lodge	92	45	68.0	4.80		St. Paul	94	45	72.4	3.43		Cohasset .....	.....	.....	.....	5.39	
Minneapolis	88	34	64.4	3.31		St. Paul	89	52	73.5	5.59		Concord	94	25	52.8	3.81	
Moran	85	39	66.5	2.98		St. Paul	89	50	72.5	4.38		Dudley* ¹	89	32	56.4	4.05	
Mount Hope* ¹	86	36	66.3	3.73		St. Paul	91	55	74.1	4.42		East Templeton* ¹	92	30	53.7	2.15	
Ness City	89	38	63.2	3.16		St. Paul	90	56	74.1	4.42		Fall River	90	32	56.0	5.50	
Newton	89	37	66.2	5.43		St. Paul	93	47	72.0	5.06		Fiske Dale .....	.....	.....	.....	4.61	
Norwich	87	35	65.5	4.16		St. Paul	89	52	74.8	1.95		Fitchburg a* ¹	90	34	54.2	3.10	
Oberlin .....	.....	.....	1.10	.....		St. Paul	92	53	72.0	6.18		Fitchburg b* ¹	92	27	54.0	2.88	
Olathe	91	43	66.8	4.08		St. Paul	91	43	7								

TABLE II.—Climatological record of voluntary and other cooperating observers.—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Massachusetts—Cont'd.	○	○	○	Ins.	Ins.	Michigan—Cont'd.	○	○	○	Ins.	Ins.	Mississippi—Cont'd.	○	○	○	Ins.	Ins.
Webster	94	28	55.8	4.46		Thornville	84	29	59.0	4.61	2.0	Holly Springs	90	46	70.2	8.28	
Westboro	91	26	53.8	4.97		Traverse City	88	25	55.2	0.47		Jackson	91	42	68.0	2.85	
Weston	84	35	55.3	2.43	T.	Vandalia	87	32	61.8	8.62		Kosciusko	91	44	71.4	3.40	
Williamstown ¹⁰	84	35	55.3	2.92		Vassar	85	33	59.2	4.26		Lake	89	42	70.0	0.90	
Winchendon						Vermilion Point ¹⁰	88	22	49.3	.....		Leaksville	95	46	73.3	3.84	
Worcester ¹⁰	89	29	54.6	3.47		Wasepi	86	31	61.5	2.96		Logtown	91	53	74.5	5.91	
Michigan.						Waverly	85	40	63.0	1.77		Louisville	86	57	71.4	6.56	
Adrian	87	26	60.1	3.83	T.	West Branch	86	19	55.8	1.62		Macon	92	46	72.1	2.20	
Agricultural College	85	26	58.8	4.17	T.	Wetmore	87	17	50.2	2.59		Magnolia	92	48	74.6	5.18	
Allegan	87	22	57.6	3.85		Whitecloud	85	21	59.6	3.09		Natchez	92	50	74.0	1.50	
Alma	87	29	60.1	4.91		Whitefish Point	82	29	47.6	1.18		Okolona	94	44	71.9	1.71	
Arbela	84	27	57.7	5.20		Williamston	84	30	60.5	3.12		Palo Alto	89	49	71.6	5.65	
Baldwin	85	14	55.2	1.25		Ypsilanti	87	26	58.7	5.45		Port Gibson	90	44	70.7	4.64	
Ball Mountain	87	23	58.6	3.57	T.	Minnesota.						Ripley	89	39	70.6	5.06	
Battle Creek	87	30	60.8	4.82	0.3	Ada	96	23	59.0	0.90		Stonington ¹¹	86	52	71.7	.....
Bay City	85	28	57.2	2.56	T.	Albert Lea	90	29	62.8	8.52		Thornton				3.07	
Berlin	85	26	56.5	3.73	0.6	Alexandria	91	26	59.2	0.18		Tupelo				2.74	
Berrien Springs	87	33	61.2	4.46		Ashby	91	26	61.3	0.25		Walnut Grove	88	55	72.8	1.85	
Big Point Sable ¹⁰	72	34	51.0	.....		Beardsley	93	23	56.6	0.35		Waynesboro	89	48	71.8	3.23	
Big Rapids	84	20	57.4	1.97		Bemidji	91	22	57.6	1.27		Windham	96	44	73.5	1.57	
Boon	82	14	53.2	3.81		Bird Island	93	24	60.4	0.69		Woodville	91	50	73.6	5.71	
Calumet	88	29	52.4	1.15		Blooming Prairie	92	26	61.6	0.75		Yazoo City	94	46	73.8	2.65	
Charlevoix	87	24	51.8	1.09	T.	Brainerd	92	26	58.8	1.28		Missouri.					
Cheboygan	82	23	51.8	1.15		Caledonia	95	27	60.2	2.75		Appleton City	95	42	68.6	2.68	
Clinton	88	25	61.2	3.86	2.0	Camden	97	25	60.9	1.12		Arlington				3.60	
Coldwater	88	34	63.0	2.04		Collegeville	89	33	61.8	0.29		Arthur ¹²	89	42	66.4	3.23	
Dundee	87	28	60.2	3.36	T.	Crookston	94	25	58.9	0.77		Avalon	89	38	65.6	2.76	
Eagle Harbor	82	24	49.6	1.18		Currie	95	26	62.0	1.80		Bagnell				2.11	
East Tawas	86	24	58.8	2.00		Deephaven						Bethany	88	34	64.4	3.51	
Eloise	88	29	60.4	2.87		Detroit City	92	21	57.2	0.81		Birchtree	87	36	65.7	4.23	
Fairview	85	30	61.2	2.86	T.	Faribault	90	23	61.4	0.15		Boonville				4.57	
Fitchburg	85	25	59.4	5.73	2.5	Farmington	92	22	61.2	0.23		Brunswick	88	39	65.0	2.06	
Frankfort	76	30	51.6	0.80		Fergus Falls	90	28	60.1	0.12		Carrollton	89	39	66.8	2.25	
Gladwin	85	24	56.4	2.20		Glencoe	89	20	60.4	0.90		Conception	88	35	64.7	4.25	
Grand Rapids	86	29	61.8	2.59		Grand Marais						Cook Station	90	30	66.4	8.35	
Grape	90	23	60.6	3.17	T.	Grand Meadow	91	30	61.4	2.39		Cowgirl ¹³	86	38	66.6	4.63	
Grayling	87	21	55.5	2.15		Halloweck	98	15	57.8	0.25		Downing				7.61	
Hanover	86	28	60.1	2.17	0.5	Lake Jennie	91	23	62.4	0.87		East Lynne ¹³	89	62.3	2.16		
Harbor Beach	85	30	64.0	2.11		Lakeside	91	25	61.2	0.93		Edgell Hill ¹⁴	86	44	66.9	2.98	
Harrisville	90	24	52.0	2.64		Lake Winnibigoshish	92	24	58.2	0.87		Edwards	91	34	67.1	1.71	
Hart	84	30	57.8	2.85		Leech ¹	91	30*	57.1	0.83		Eldon	89	36	65.9	1.82	
Hastings	86	25	60.0	3.16	1.0	Long Prairie	92	22	58.6	0.39		Elmira	89	35	66.2	2.22	
Hayes	87	27	56.2	3.10		Luverne	90	29	61.5	2.12		Fairport				3.40	
Hilldale Station				3.35	T.	Lynd	92	23	59.8	0.98		Fayette	89	42	67.1	3.54	
Holland ¹⁰	87	25	60.8	2.35		Mapleplain	83	29	62.6	0.31		Fulton	89	35	66.2	2.04	
Humboldt	89	17	50.3	2.17		Milaca	92	24	58.8	0.00		Galena				4.79	
Ionia	85	26	60.0	2.75		Milan	94	24	61.2	0.31		Gallatin ¹¹	90	44	65.9	3.03	
Iron Mountain	90	25	55.0	2.80		Minneapolis ^a	93	29	62.0	0.35		Gayoso	96	40	72.2	2.65	
Iron River	87	17	51.6	1.22	T.	Minneapolis ^b	91*	24	61.8	0.31		Glasgow	89	37	66.0	2.00	
Ishpeming	89	21	58.4	2.54		Minnesota City ¹¹	92	30	61.8	1.65		Gorin				4.73	
Ivan	85	18	54.2	1.82		Montevideo	95	24	59.6	1.02		Halfway	87	39	66.2	8.70	
Jackson	91	29	61.9	3.06		Morris	93	30	59.6	0.60		Harrisonville	88	39	66.2	2.89	
Jeddo	85	27	54.8	2.34	0.5	Mount Iron	92	18	54.2	1.78		Hazlehurst				3.82	
Kalamazoo	85	30	60.9	4.01		Newfolden	92	17	57.0	0.55		Hermann				3.49	
Lake City	83	23	53.4	3.15		New Richland ¹¹	94	34	62.6	0.24		Houston	86	36	65.1	4.82	
Lansing	84	31	59.6	4.25		New Ulm	93	29	63.0	0.24		Houston (near)				2.50	
Lapeer	85	32	59.2	2.40		Park Rapids	91	21	57.0	0.21		Irena				4.92	
Lathrop	90	22	51.6	2.34		Pine River	89	27	56.4	0.30		Ironton	88	31	64.7	6.14	
Lincoln	85	24	53.7	2.52		Pistepone	90	30	61.2	1.44		Jackson ¹²	87	42	64.0	5.50	
Ludington	80	23	55.3	2.56		Pleasant Mounds	89	27	61.5	1.21		Jefferson City	96	35	67.0	2.20	
Mackinac Island	82	26	50.8	1.07		Pokegama Falls	90	19	55.0	1.10		Kidder	89	34	65.2	4.48	
Mackinaw	83	24	51.4	1.64		Redwing						Lamar	90	44	68.4	2.86	
Madison	91	27	62.3	2.58	0.8	Reeds						Lamonte				1.59	
Mancelona	98	20	55.7	0.44		Rolling Green	89	29	60.4	2.30		Lebanon	87	42	67.0	4.67	
Manistee	83	28	53.4	2.27		St. Charles	89	26	59.3	2.22		Lexington	91	38	67.8	1.77	
Manistique	76	25	49.8	1.68		St. Cloud	95	30	61.8	0.20		Liberty				3.01	
Middle Island ¹⁰	80	31	50.8	.....		St. Peter	89	29	62.2	0.32		Louisiana	91	37	67.0	4.24	
Mottsville	88	28	60.0	1.55		Sandy Lake Dam	88	22	55.8	0.62		McCune ¹¹	90	43	66.2	4.11	
Mount Clemens	88	28	59.0	2.35		Shakopee	92	27	62.4	0.14		Macon	90	36	66.4	3.92	
Mount Pleasant	83	25	57.5	3.96		Thief River Falls						Marblehill	87	31	65.2	7.13	
Muskegon	80	32	56.2	3.57		Tower	94	11	52.0	0.60		Marshall	87	37	65.0	2.15	
Newberry	88	20	51.0	0.85		Two Harbors	83	24	44.4	0.74		Maryville	90	35	65.2	6.87	
Northport	86	26	54.2	0.17		Wabasha ¹	96	35	62.6	1.13		Mexico	92	37	67.3	1.76	
Old Mission	88	29	55.9	0.90		Willmar	89	26	59.6	1.10		Miami ¹⁵	89	43	68.6	2.82	
Olivet	84	30	60.0	9.80	0.8	Worthington	87	32	60.8	0.65		Mineralspring	84	38	68.8	4.83	
Omer				2.40		Zumbrota ¹	90	24	60.4	.....		Montreal	87	36	65.8	3.49	
Ontonagon	93	30	52.2	0.89		Aberdeen											

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.			Rain and melted snow.	Total depth of snow.	Maximum.			Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		
Missouri—Cont'd.																
St. Charles	89	41	66.3	4.75	In.	Fairmont	87	31	63.2	3.27	Nebraska—Cont'd.	o	o	o	In.	In.
St. Joseph	46	65.4	1.97			Fort Robinson	91	36	61.8	0.95	Willard	o	o	o	1.61	
Sarcocle* ¹	94	37	66.4	1.77		Franklin	91	34	63.6	2.83	Wilnsville* ¹	90	46	63.7	1.20	
Sedalia	86	36	64.6	8.84		Fremont	88	31	64.2	2.00	Winnebago				1.45	
Seymour						Geneva	91	33	64.4	3.84	Wisner				8.21	
Shelbina						Genoa	90	35	64.1	3.18	Wymore* ¹	90	36	60.3	5.45	
Sikeston	89	37	67.6	3.19		Gering	98	30	62.4	0.67	York				2.12	
Steffenville	87	36	65.8	5.74		Gordon					Nevada.					
Sublett	89	35	65.8	3.70		Gothenburg	92	35	63.5	3.12	Austin	79	32	58.8	1.20	
Trenton	88	37	65.4	3.64		Grand Island a					Battle Mountain				0.64	
Unionville	97	34	66.6	5.42		Grand Island b	93	31	64.0	0.54	Belmont				0.48	
Vichy	87	39	66.6	3.98		Grand Island c	91	32	64.7	1.01	Beowawe* ¹	84	35	54.5	0.60	T. 1.5
Warrensburg	90	38	67.4	1.01		Greely					Candelaria	88	39	57.4	1.46	
Warrenton	90	40	66.0	3.04		Haily					Carlin* ¹	86	30	57.1	0.50	
Wheatland						Hartington					Carson City	81	30	55.4	0.55	
Willow Springs	89	34	65.2	1.23		Harlingen	92	30	62.4	3.57	Clover Valley				1.00	
Windsor	93	38	67.9	1.78		Harvard	87	33	63.2	4.20	Crane Ranch				1.20	
Wylie	88	42	67.0	5.04		Hastings* ¹	90	45	66.0	2.01	Duck Valley	77	28	52.7	1.62	1.2
Zeitonia	88	34	66.2	3.91		Hayes Center					Elko (near)				1.37	
Montana.						Hay Springs	90	29	61.0	0.59	Ely	83	30	54.9	0.18	
Adel	79	24	49.0	8.85		Hebron	90	32	64.4	4.59	Empire Ranch	90	33	58.0	0.74	0.8
Boulder*	82	29	53.3	1.88		Hickman					Fenelon				0.40	4.0
Bozeman	82	32	53.4	2.51		Holdrege* ¹	102	40	64.0	2.74	Golconda* ¹	88	38	56.5	0.80	
Butte	73	33	52.5	2.90		Hooper* ¹	88	40	65.1	1.65	Halleck* ¹	90	32	56.0	0.45	
Canyon Ferry	87	35	58.2	5.80		Imperial	93	34	62.0	1.47	Hawthorne	84	33	59.4	0.89	
Chinook	97	34	60.0	0.97		Johnstown					Lee				1.59	
Columbia Falls	80	28	51.7	4.97		Kearney					Los Vegas	101	40	71.3	0.00	
Corvallis	84	31	54.0	2.30		Kennedy	96	39	62.3	3.80	Martins	80	31	57.0	0.45	
Crow Agency	93	34	60.1	0.47		Kimball	89	34	59.4	0.77	Mill City* ¹	82	40	61.0	2.00	
Dearborn Canyon	76	28	52.8	4.20		Kirkwood* ¹	97	40	63.7	1.97	Monitor Mill	85	27	53.6	0.28	
Dell	80	28	51.1	0.05		Laclede	91	32	63.0	2.55	Palisade* ¹	87	28	55.6	0.84	
Dillon	88	30	56.4	1.56		Lexington	90	28	61.7	2.70	Palmetto	86	28	54.6	2.25	4.0
Dupuyer	81	29	52.8	7.54		Lincoln d	89	42	62.6		Reno State University	82	32	55.6	0.89	
Ekalaka	98	28	64.1	0.86		Lodgepole	92	33	61.0	2.37	Sodaville	91	35	62.7	1.18	
Fort Benton	88	35	59.0	0.90		Loup					Tybo	89	30	57.6	0.88	
Fort Logan	98	29	51.4	1.61		Lynch	98	26	63.8	2.00	Verdi* ¹	87	40	59.2	0.41	
Glasgow	97	24	61.6	1.62		Lyons					Wadsworth* ¹	94	40	59.8	1.12	
Glendive	100	38	63.7	0.78		McCook					New Hampshire.					
Glenwood	84	27	51.8	2.05		Madison	88	31	62.8	3.23	Alstead				3.72	
Greatfalls	86	40	57.8	2.73		Madrid* ¹	95	40	66.2	1.75	Berlin Mills	84	20	48.0	4.81	3.0
Kipp	78	27	50.8	3.28	2.6	Marquette					Bethlehem	84	24	49.8	3.80	0.2
Lewiston	89	27	55.1			Minden a	92	32	62.8	4.09	Claremont	92	28	54.2	2.82	T.
Livingston*	88	36	56.2			Minden b					Concord	92	24	52.6	2.38	
Manhattan	88	31	55.8	1.44		Monroe					Durham	93	28	51.1	2.53	
Martinsdale	85	32	53.6	1.74		Nebraska City b* ¹	94	48	67.9	2.24	Grafton	88	15	49.4	2.68	
Marysville	86	32	50.8	2.79		Nebraska City c	92	34	65.9	2.81	Hanover	88	21	52.0	3.23	T.
Missoula	88	36	55.9	4.19		Nemaha* ¹	102	40	66.9	5.24	Keene	92	19	53.2	3.62	T.
Ovando	82	25	51.0	4.99		Nesbit	91	32	61.6	1.28	Littleton	83	24	49.4	2.98	1.1
Parrot	85	35	56.0	0.74		North Loup	93	34	63.6	2.66	Nashua	94	23	53.6	3.06	T.
Plains	83	30	55.8	4.00		Oakdale	93	28	63.7	3.83	Newton	94	24	51.2	3.74	T.
Poplar	97	29	62.4	1.54		Odell					North Conway	88	22	51.0	3.00	T.
Red Lodge	77	30	50.0	1.60		O'Neill	96	30	62.9	2.51	Peterboro	89	20	51.0	2.82	T.
Ridge	98	31	60.1	1.07		Ord					Plymouth	87	23	50.8	1.72	T.
Troy	85	30	54.5	2.90		Osceola					Sanbornton	88	21	50.8	2.10	T.
Twin Bridges	84	29	53.2			Ough					Stratford	86	23	49.6	4.28	T.
Utica	88	26	54.6	1.04		Palmer					Warren				3.18	
Yale	85	31	53.8	1.02		Palmyra* ¹	88	34	64.1	6.21	New Jersey.					
Nebraska.						Plattsmouth a					Asbury Park	95	34	60.8	4.42	
Albion	93	29	63.2	1.50		Plattsmouth b					Bayonne	94	36	61.9	4.86	
Alliance						Pleasant Hill					Belfidere	93	31	61.0	2.31	
Alma	94	34	65.0	1.44		Ravenna a	92	31	62.7	2.25	Bergen Point	92	35	61.8	4.51	
Ansley	93	33	63.7	1.76		Red cloud b* ¹	90	34	63.8	2.22	Beverly	97	33	62.6	5.64	
Arapaho	95	47	67.5	2.80		Republican* ¹	91	48	65.4	0.45	Billingsport* ¹	89	43	61.7	6.01	
Arborville* ¹	94	32	64.2	2.68		Rulo					Boonton	98	30	60.2	4.01	
Ashland a	89	31	65.5	2.27		St. Libby					Bridgeton	97	34	61.4	2.53	
Ashland b* ¹	95	39	67.3	2.19		St. Paul	94	27	63.1	1.51	Cape May C. H.	94	33	61.8	3.63	
Ashton						Salem* ¹	88	50	69.6	3.76	Charlotteburg	92	26	57.6	4.46	T.
Auburn	92	32	65.4	3.94		Santee	92	32	66.0	2.76	Chester	88	31	61.1	3.27	
Aurora* ¹	89	43	65.9	2.71		Sargent					Clayton	95	31	62.3	3.42	
Bartley						Schuylar					College Farm	93	34	62.0	5.58	
Beatrice	91	32	64.3	4.03		Seneca* ¹	90	40	68.1	3.40	Deckerstown	92	30	59.4	3.17	
Beaver	95	35	64.8	1.01		Seward					Dover	92	30	59.0	4.73	
Bellevue						Smithfield					Egg Harbor City	94	33	60.8	3.16	
Benedict						Spragg					Elizabeth	96	33	61.8	5.24	
Benkleman						Springview	95	37	63.6	2.71	Flemington	94	30	60.8	4.65	
Blair	89	35	64.2	2.06		Stanton* ¹	87	37	61.8	4.40	Freehold	91	31	59.9	4.35	
Bluehill						State Farm	90	31	64.9	3.88	Friesburg	93	30	62.2	2.60	
Brokenbow* ¹	86	40	63.2	2.46		Strang					Hampton				8.41	
Burchard						Stratton					Hanover	90	32	60.4	5.41	
Burwell						Superior* ⁶	88	40	65.2	2.20	Hightstown	91	36	61.2	5.25	
Callaway	91	32	60.9	2.90		Syracuse					Imlaystown	95	34	63.2	4.76	
Camp Clarke	91	31	60.8	1.21		Tablerock					Lambertville	96</td				

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.	
<i>Ohio—Cont'd.</i>	0	0	0	Ins.	Ins.	<i>Oklahoma.</i>	0	0	0	Ins.	Ins.	<i>Pennsylvania—Cont'd.</i>	0	0	0	Ins.	Ins.	
Celina.....	91	30	62.8	2.17		Arapaho.....	95	43	68.4	3.34		Brookville.....	.....	.....	.....	2.33	
Chillicothe.....	94	30	65.6	2.45		Beaver.....	94	40	66.5	1.00		Browns Lock.....	.....	.....	.....	3.93	
Circleville.....	93	31	64.8	2.38		Burnett.....	91	45	68.4	3.98		Butler.....	90	24	59.8	4.67	T.	
Clarksville.....	91	35	64.6	3.49		Clifton.....	90	46	68.2	7.68		Carlisle.....	93	32	62.7	1.17		
Cleveland a.....	85	32	61.0	1.85		Fort Reno.....	88	44	67.3	3.70		Cassandra.....	87	28	57.8	1.43		
Cleveland b.....	87	32	61.0	1.49		Fort Sill.....	93	46	68.4	4.00		Cedarrun.....	90	30	60.8	0.90		
Clifton.....	92 ^d	29 ^c	64.4 ^a	1.97		Guthrie.....	89	43	68.7	3.27		Centerhall.....	94	29	61.6	1.13		
Coalton.....	93	26	63.6	3.18		Hennessee.....	96	40	68.7	4.41		Chambersburg.....	94	29	61.6	1.13		
Colebrook.....	91	24	59.6	4.03	T.	Jefferson.....	91	40	67.0	2.80		Coatesville.....	95	32	62.8	4.73		
Dayton a.....	94	30	65.2	2.79		Jenkins.....	93	42	67.4	4.78		Confidence.....	90	23	58.8	2.06		
Defiance.....	89	28	62.8	3.21	T.	Kingfisher.....	91	44	67.2	3.83		Coopersburg.....	90	33	60.4	2.72		
Delaware.....	91	29	63.1	1.25		Mangum.....	89	48	67.6	4.26		Davis Island Dam.....	.....	.....	.....	1.10	
Demos.....	92	29	62.8	2.38		Newkirk.....	91	41	64.8	4.45		Derry Station.....	96	28	62.7	2.84		
Elyria.....	89	29	61.0	1.80		Norman.....	87	44	66.6	5.02		Driftwood.....	.....	.....	.....	1.95	
Findlay.....	95	28	64.5	2.86		Osage.....	93	39	68.5	8.92		Duncannon.....	.....	.....	.....	1.66	
Frankfort.....	91	30	63.2	3.29		Prudence b.....	90	40	66.7	2.80		Dushore.....	90	24	56.8	2.91		
Garretttsville.....	88	25	59.2	2.01	T.	Sac and Fox Agency.....	90	42	67.2	7.02		East Bloomsburg.....	.....	.....	.....	1.83	
Granville.....	91	28	62.2	1.56		Stillwater.....	85	43	67.8	3.71		East Mauch Chunk.....	95	30	60.8	2.20		
Gratiot.....	89	28	62.0	2.46		Waukomis.....	97	40	68.9	4.95		Ellwood Junction.....	.....	.....	.....	2.75	
Greenfield.....	89 ^c	37 ^c	65.8 ^a	2.90		Wood.....	.....	.....	.....			Emporium.....	89	24	58.4	3.46	T.
Greenhill.....	90	21	59.6	1.67	T.	<i>Oregon.</i>	Albany a ^a	84	40	58.5	4.86		Ephrata.....	92	31	61.4	5.07	
Greenville.....	86	36	63.0	3.87		Albany b.....	.....	.....	.....			Everett.....	92	28	59.0	2.10	
Hanging Rock.....	95	29	63.8	4.14		Alpha.....	80	37	55.2	5.49		Forks of Neshaminy ^{*1}	89	40	60.8	7.63		
Hedges.....	86	22	58.3	1.32	T.	Arlington.....	88	48	65.2	0.15		Franklin.....	91	24	60.2	1.90	T.	
Hillhouse.....	90	28	62.2	2.92		Ashland b.....	80 ^c	35	56.4 ^a	1.27		Freeport.....	.....	.....	.....	1.68	
Hillsboro.....	88	30	59.6	2.70		Aurora.....	77	45	57.4	3.62		Girardville.....	.....	.....	.....	1.29	
Hiram.....	92	25	60.4	1.62		Aurora (near).....	78	36	55.4	4.10		Grampian ^d	86	28	59.2	2.77	T.	
Hudson.....	93	38	66.0	3.80		Bandon.....	65	41	55.4	4.90		Greensboro.....	.....	.....	.....	2.96	
Jacksonboro.....	93	31	65.6	1.39		Bay City.....	70	40	54.8	8.45		Hamburg.....	.....	.....	.....	8.20	
Kenton.....	94	28	61.6	2.35	T.	B-uh-uh.....	85	31	56.0	0.80		Hawthorn.....	91	23	59.6	8.14		
Killbuck.....	91	27	68.0	1.48		Blalock.....	91	41	63.6	0.55		Hews Island Dam.....	.....	.....	.....	1.23	
Lancaster.....	90	29	63.8	2.37		Brownsville ^{*1}	80	50	59.8	1.30		Huntingdon a.....	92	28	60.6	4.30		
Logan.....	95	25	63.2	1.95		Bullrun.....	72	40	54.0	7.67		Huntingdon b.....	.....	.....	.....	3.11	
Lowell.....	95	25	63.2	1.33		Burns.....	76	31	52.4	0.34		Irwin.....	.....	.....	.....	1.78	
McConnelsville.....	91	26	63.0	2.45		Cascade Locks.....	78	42	57.6	4.40		Johnstown.....	92	29	62.1	2.92		
Mansfield.....	91	27	63.0	3.50		Comstock ^{*1}	82	46	58.5	3.13		Keating.....	.....	.....	.....	4.08	
Marietta.....	89	35	65.1	2.35		Coquille.....	.....	.....	.....			Kennett Square.....	94	33	61.2	4.37	
Marion.....	94	28	64.4	1.33		Corvallis.....	76	36	55.4	3.16		Lancaster.....	88 ^b	33 ^b	61.4 ^b	4.59		
Medina.....	91	26	61.2	1.15	T.	Dayville.....	85	31	57.8	1.15		Lawrenceville.....	89	23	56.5	2.47		
Mifflordton.....	92	27	61.9	1.45		Ella.....	.....	.....	.....			Lebanon.....	93	32	61.2	2.13	
Millikan.....	93	22	62.4	2.46	T.	Eugene.....	69	44	52.4	2.42		Leroy.....	89	27	58.2	1.50		
Millport.....	90	21	60.6	1.76		Fairview.....	68	44	55.3	4.09		Lewisburg.....	94	29	60.8	8.18		
Montpelier.....	89	27	61.6	2.09		Falls City.....	79	33	53.8	4.41		Lockhaven a.....	95	30	62.8	1.29		
Napoleon.....	89	29	62.2	2.30		Forestgrove.....	82	34	55.2	3.74		Lockhaven b.....	.....	.....	.....	0.94	
Neapolis.....	90	28	62.6	3.19		Gardiner.....	69	43	55.8	5.98		Lock No. 4.....	.....	.....	.....	1.52	
New Alexandria.....	91	30	63.4	2.25	T.	Glenora.....	82	34	53.0	9.13		Lycippus.....	89	30	61.8	2.80		
New Berlin.....	91	24	61.8	2.92		Government Camp.....	75	29	45.0	5.99	2.0	Mifflin.....	.....	.....	.....	1.82	
New Bremen.....	91	33	65.0	2.28		Grants Pass.....	82	36	57.6	1.86		Nisbet.....	.....	.....	.....	1.23	
New Holland.....	93	30	65.0	2.60		Happy Valley.....	78	24	50.6	2.06	2.0	Oil City.....	.....	.....	.....	1.77	
New Paris.....	89	34	63.4	5.71		Hare.....	67	35	51.1	8.20		Parker.....	.....	.....	.....	3.52	
New Richmond.....	91	36	60.0	3.87		Hood River (near).....	85	38	57.2	0.50		Philadelphia.....	94	38	68.7	5.10		
New Waterford.....	97	28	62.6	2.94		Jacksonville.....	81	37	57.5	1.90		Quakertown.....	92	30	60.6	3.45		
North Lebinsburg.....	94	30	63.5	1.90		Joseph.....	77	29	49.8	2.37	4.5	Reading ².....	.....	.....	.....	3.86	
North Royalton.....	89	27	61.8	1.53		Junction City ^{*1}	82	44	57.7	2.13		Renovo a.....	93	29	60.2	2.67	T.	
Northwark.....	90	28	62.4	3.08		Kerby.....	84	31	56.0	2.23		Renovo b.....	87	22	58.7	2.73		
Oberlin.....	92	25	62.2	2.27		Klamath Falls.....	73	30	53.5	.....		Saengerstown.....	91	31	60.0	2.81	
Ohio State University.....	90	30	63.6	1.64		Lafayette ^{*1}	86	50	58.9	3.41		Selinsgrove.....	95	27	62.1	0.72		
Orangeville.....	89	20	58.8	2.95	T.	Lagrange.....	84 ^c	31	55.0 ^a	1.63		Shawmont.....	.....	.....	.....	7.04	
Ottawa.....	92	28	63.8	2.00		Lonerock.....	79	28	49.9	1.60		Sinnamahoning.....	.....	.....	.....	1.71	
Pataskala.....	93	27	63.2	2.98	T.	McMinnville.....	83	37	55.8	3.34		Smethport.....	86	20	55.5	1.88	T.	
Perry.....	91	28	61.0	1.20		Merlin ^a	86	48	55.3	1.17		Somerset.....	91	23	58.8	3.67		
Philo.....	90	28	62.8	2.78		Monmouth a ^{*1}	81	44	55.8	3.75		South Eaton.....	90	29	59.0	1.97		
Plattburg.....	90	28	63.2	1.48		Monmouth b.....	79	34	56.8	3.85		State College.....	88	30	60.8	2.30		
Pomeroy.....	95	29	65.3	3.06		Monroe.....	74	35	55.1	2.83		Sunbury.....	.....	.....	.....	0.55	
Portsmouth a.....	94	35	66.4	2.48		Mount Angel.....	78	41	56.9	5.10		Swarthmore.....	92	35	64.6	5.29		
Portsmouth b.....	94	35	66.4	2.48		Nehalem.....	.....	.....	.....			Towtrus.....	.....	.....	.....	2.99	
Pulse.....	94	26	65.1	2.97		Newberg.....	81	34	55.8	3.90		Uniontown.....	89	30	61.8	2.72		
Richwood.....	94	26	65.1	1.03		Newbridge.....	86	30	55.0	1.73		Warren.....	87	25	55.4	2.16	0.5	
Ridgeview Corners.....	90	27	62.0	4.91		Newport.....	65	42	53.2	6.88		Wellsboro.....	89	25	56.6	2.50		
Riley.....	92	34	64.8	3.47		Salem.....	81	36	55.8	3.90		Westchester.....	90	35	61.6	6.67		
Rittman.....	88	25	60.0	1.15		Sheridan ^a	82	40	53.9	2.60		West Newton.....	.....	.....	.....	3.59	
Rockyridge.....	90	28	62.1	2.52		Silverlake.....	80	28	48.8	0.90	0.5	Westtown.....	88	34	59.8	5.87		
Rosewood.....	89	32	63.5	2.02		Silverton ^{*1}	84	52	60.1	4.79		Wilkesbarre.....	91	32	59.8	8.81		
Shenandoah.....	91	26	61.6	1.75		Sisko you ^{*1}	88	38										

TABLE II.—*Olimatological record of voluntary and other cooperating observers—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>South Carolina—Cont'd.</i>	o	o	o	In.	In.	<i>Tennessee—Cont'd.</i>	o	o	o	In.	In.	<i>Texas—Cont'd.</i>	o	o	o	In.	In.
Edisto	.....	.....	.....	3.02	.....	Byrdstown	90	34	66.0	1.39	.....	Henrietta	89	48	68.9	2.82	.....
Effingham	.....	.....	.....	2.23	.....	Carthage	91	23	67.8	2.42	.....	Hondo	90 ^a	55	74.8 ^b	6.84	.....
Florence	88	46	71.0	1.72	.....	Clarksville	88	41	67.8	0.93	.....	Houston	93	59	75.6	3.07	.....
Gaffney	.....	.....	.....	2.75	.....	Clinton	87	42	69.6	1.90	.....	Hulen	.....	.....	.....	2.90	.....
Georgetown	85	48	68.8	2.60	.....	Covington	90	35	67.0	1.50	.....	Huntsville	92	53	74.2	6.69	.....
Gillisonville	94	41	71.6	2.55	.....	Decatur	90	44	69.2	2.12	.....	Ira	94	48	69.0	3.08	.....
Greenville	87	41	65.9	1.90	.....	Dyersburg	90	32	64.8	1.16	.....	Jacksonville	88	48	71.4	6.02	.....
Greenwood	93	47	71.0	1.61	.....	Elizabethhton	90	32	64.8	1.16	.....	Jasper	91	50	74.2	5.40	.....
Holland	88	42	67.0	2.87	.....	Elk Valley	.....	.....	.....	.....	.....	Junction	.....	.....	.....	4.30	.....
Kingstree ^a	89	43	69.8	1.50	.....	Erasmus	89	.....	.....	1.29	.....	Kaufman	93	52	73.2	1.45	.....
Kingstree ^b	.....	.....	.....	1.47	.....	Florence	89	37	66.9	1.32	.....	Kent	.....	.....	.....	1.45	.....
Liberty	96	40	69.2	2.04	.....	Franklin	89	38	66.7	1.24	.....	Kerrville	89	48	68.8	5.87	.....
Little Mountain	91	47	71.4	2.39	.....	Grace ^a	92	38	68.0	1.75	.....	Lampasas	92	50	73.8	3.19	.....
Longshore	91	44	69.8	2.18	.....	Greeneville	89	33	64.6	2.33	.....	Langtry	98	59	78.5	5.43	.....
Pinopolis ^{*1}	84	48	69.8	2.60	.....	Harriman	90	34	66.8	1.64	.....	Lapara	.....	.....	.....	2.81	.....
St. George	88	48	70.2	8.12	.....	Hohenwald	90 ^a	35	66.6 ^b	3.04	.....	Laureless Ranch	.....	.....	.....	2.27	.....
St. Matthews	90	49	71.6	2.75	.....	Iron City	89	36	66.4	4.84	.....	Llano ^a	93	58	73.6	4.25	.....
St. Stephens	.....	.....	.....	1.81	.....	Jackson	88	44	69.4 ^b	4.75	.....	Longview	.....	.....	.....	5.98	.....
Santuck	93	39	69.2	2.06	.....	Johnsonville	92	35	67.8	3.42	.....	Luling	95	57	74.2	8.63	.....
Shaws Fork	85	42	65.5	1.48	.....	Jonesboro ^{*1}	85	32	64.2	3.82	.....	Mann	89	50	71.2	5.03	.....
Smiths Mills	.....	.....	.....	3.25	.....	Kingston	.....	.....	.....	1.89	.....	Menardville	92	49	69.6	4.85	.....
Society Hill	88	47	71.5	1.17	.....	Lafayette ^a	94	38	67.0	1.09	.....	Mount Blanco	86	45	65.7	1.20	.....
Spartanburg	93	40	68.8	3.17	.....	Lewiston	91	37	67.1	2.22	.....	New Braunfels	90	57	73.6	3.75	.....
Statesburg	90	50	72.0	2.46	.....	Liberty	87	37	65.8	1.54	.....	Panter	.....	.....	.....	7.66	.....
Summerville	85	45	69.4	2.51	.....	Lynnville	89	40	68.8	3.09	.....	Paris ^a	94	.....	.....	1.90	.....
Temperance	93	42	71.0	2.53	.....	McKenzie	97	42	69.6	2.47	.....	Point Isabel ^{*1}	90	73	80.5	0.10	.....
Trenton	87	52	71.9	1.74	.....	McMinnville	.....	.....	.....	1.10	.....	Rhinelander	91	49	69.8	6.04	.....
Trial	87	38	67.5	1.77	.....	Madison	95	35	68.0	2.34	.....	Rock Island	92	60	75.2 ^b	6.71	.....
Walhalla	89	38	66.0	1.26	.....	Maryville ^a	90	37	68.0	1.88	.....	Rockport ^{*1}	87	65	75.7	.....	.....
Winnabow	85	47	68.0	2.25	.....	Milan	93	40	69.7	4.02	.....	Runge	95 ^a	60	72.0 ^b	4.78	.....
Winthrop College	92	45	69.8	2.96	.....	Newport	88	37	65.8	1.50	.....	Saginaw ^{*1}	91	55	72.0	4.60	.....
Yemassee	92	47	73.8	3.87	.....	Nunnelly	92	36	66.2	3.64	.....	San Antonio	94	57	75.3	4.58	.....
Yorkville	96	45	71.8	4.99	.....	Oakhill	92	34	67.9	2.60	.....	Sanderson	94	55	78.0	4.00	.....
<i>South Dakota.</i>	.....	.....	.....	.....	.....	Palmetto	92	38	68.0	2.41	.....	San Marcos	93	55	73.3	5.01	.....
Aberdeen	95	30	63.1	0.25	.....	Perryear ^a	90	40	71.0	4.10	.....	Santa Gertrudes Ranch	.....	.....	.....	1.89	.....
Academy	98	32	64.6	1.68	.....	Pope	93	32	66.2	3.31	.....	Sherman	93	53	72.1	3.58	.....
Alexandria	98	30	64.1	0.50	.....	Rogersville	86	34	64.2	1.65	.....	Sugarland	92	55	74.9	4.90	.....
Armour	93	30	62.8	1.62	.....	Rugby	87	30	68.8	1.37	.....	Sulphur Springs	87	50	71.6	4.94	.....
Ashcroft	98	30	62.3	1.15	.....	Savannah	94	40	67.9	7.35	.....	Temple ^a	88	54	71.6	10.02	.....
Bowdle	94	29	59.8	0.23	.....	Sewanee	87	37	65.6	2.28	.....	Temple ^b	90	49	69.0	8.99	.....
Brookings	93	25	60.0	1.23	.....	Silverlake	86	33	60.4	3.37	.....	Trinity	91	52	73.5	7.04	.....
Canton	92	26	63.4	2.57	.....	Springdale	94	30	65.3	1.94	.....	Tulia	88	44	63.9	3.77	.....
Centerville	.....	.....	.....	2.81	.....	Springfield	92	35	67.0	1.15	.....	Turnersville	87	50	76.5	3.61	.....
Chamberlain	100	31	64.7	1.32	.....	Tazewell	.....	.....	1.96	.....	.....	Tyler	93	40	74.0	4.73	.....
Clark	92	28	60.1	0.98	.....	Tellico Plains	92	35	68.4	2.47	.....	Valentine	96	42	68.8	2.65	.....
Desmet	92	26	60.8	0.91	.....	Tracy City	91	33	66.0	3.42	.....	Victoria	.....	.....	.....	7.22	.....
Doland	96	27	62.8	0.60	.....	Trenton	91	41	69.2	2.12	.....	Waco	90	55	73.8	7.00	.....
Elk Point	93	32	66.2	2.42	.....	Tullahoma	87	35	65.1	3.05	.....	Waxahachie	90	46	72.2	8.05	.....
Farmingdale	.....	.....	.....	0.41	.....	Union City	89	42	69.2	0.75	.....	Weatherford	89	48	71.5	5.84	.....
Faulkton	93	30	61.0	0.48	.....	Wildersville	87	40	67.4	3.93	.....	Wichita Falls	.....	.....	.....	10.84	.....
Elandreau	93	24	61.2	0.61	.....	Yukon	89	40	67.7	4.04	.....	<i>Utah.</i>	.....	.....	.....	.....	.....
Forestburg	94	29	61.8	1.11	.....	<i>Texas.</i>	.....	.....	.....	.....	.....	Alpine	.....	.....	.....	0.56	.....
Forest City	101	31	66.2	0.25	.....	Alice	94	57	77.1	1.84	.....	Bluecreek	.....	.....	.....	0.22	.....
Fort Meade	94	37	62.4	0.35	.....	Alpine	94	44	69.6	2.64	.....	Castledale	88	31	57.9	0.05	.....
Gann Valley	95	31	63.8	0.55	.....	Alvin	.....	.....	5.29	.....	.....	Cisco	90	.....	.....	0.00	.....
Gary	98	29	62.2	1.32	.....	Anna	96	45	71.0	4.57	.....	Corinne	92	34	59.8	1.85	.....
Grand River School	97	30	63.0	1.26	.....	Arthur	.....	.....	5.61	.....	.....	Deseret	94	32	60.8	0.10	.....
Greenwood	95	33	65.7	2.90	.....	Austin ^a	96	54	73.8	11.05	.....	Elgin ^b	101	38	65.6	0.00	.....
Hartman	98	25	63.4	1.40	.....	Ballinger	89	54	71.8	.....	.....	Farmington	.....	.....	.....	0.78	.....
Hightmore	97	22	62.3	0.47	.....	Beaumont	93	49	69.8	6.08	.....	Fillmore	97	80	59.7	0.85	.....
Hitchcock	.....	.....	.....	1.09	.....	Beeville	93	60	75.3	3.89	.....	Fish Springs	90 ^a	41	64.0 ^b	0.20	.....
Hot City	98	30	63.6	1.24	.....	Brownsburg	93	57	74.2	3.85	.....	Fort Duchesne	91	32	58.6	0.15	.....
Hot Springs	95	30	61.6	2.10	.....	Brighton	91	62	77.6	3.94	.....	Frisco	93	25	58.2	.....	.....
Howard	90	29	62.8	1.43	.....	Brownwood	96	50	74.2	4.42	.....	Giles	97	34	65.2	T.	.....
Interior	100	30	65.9	0.65	.....	Burnet ^a	87	54	70.0	5.22	.....	Grover	82	33	55.6	0.09	.....
Ipswich	98	27	61.6	0.03	.....	Bowie	88	54	69.6	5.66	.....	Heber	85	28	54.8	0.16	.....
Kimball	93	32	63.8	1.50	.....	Brazoria	90 ^a	62	75.2 ^b	2.76	.....	Henefer	92	26	54.8	0.88	.....
Leola	94 ^a	26 ^b	58.8 ^a	0.35	.....	Brenham	90	57	73.4	6.33	.....	Hite	98	48	72.8	1.16	.....
Leslie	100	28	62.9	1.32	.....	Brighton	91	62	77.6	3.94	.....	Huntsville	.....	.....	.....	1.16	.....
Mellette	92	28	60.6	0.36	.....	Brownwood	96	50	74.2	4.42	.....	Kelton ^a	90	45	65.5	0.00	.....
Menno	97	28	63.4	2.23	.....	Burnet ^b	87	54	70.0	3.86	.....	Levan	88	30	57.2	0.57	.....
Millbank	94	27	60.1	1.00	.....	Camp Eagle Pass	96	58	75.0	8.15	.....	Loa	82	27	53.2	T.	.....
Mitchell	96	30	62.4	1.86	.....	Coleman	86 ^a	50 ^b	69.0 ^a	3.21	.....	Logan	84	35	57.4	1.42	18.0
Oelrichs	97	33	63.6</														

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
<i>Utah—Cont'd.</i>						<i>Washington—Cont'd.</i>						<i>Wisconsin—Cont'd.</i>					
Woodruff.....	°	°	°	Ins.	Ins.	Olga.....	68	40	53.9	2.56		Medford.....	91	°	°	Ins.	Ins.
<i>Vermont.</i>						Olympia.....	80	38	55.4	5.34		Menasha.....	91	16	54.2	2.50	
Bennington.....	93	28	57.6	2.08	T.	Pasco.....	93	35	64.4	0.19		Neillsville.....	88	22	58.6	1.99	
Brattleboro.....	93	23	55.8	4.29		Pinehill.....	88	37	59.6	0.29		New London.....	90	25	58.8	1.11	
Burlington.....	85	29	55.2	2.45	T.	Pomeroy.....	84	42	60.0	2.55		Oconto.....	90	26	50.4	2.77	
Chelsea.....	83	22	49.6	1.95	1.0	Port Townsend.....	67	40	53.2	2.66		Oscceola.....	92	16	58.2	0.36	
Cornwall.....	89	25	55.2	1.30		Pullman.....	80	37	55.2	2.70		Oshkosh.....	83	34	53.6	2.30	
Derby.....	84	22	48.4	8.81		Republic.....	91	27	53.5	2.35		Pepin.....	91	27	61.6	0.66	
Enosburg Falls.....	87	28	56.0	4.23		Rosalia.....	78	34	54.2	2.42		Pine River.....	91	23	59.5	2.04	
Hartland.....	88	18	50.8	2.75	T.	Sedro.....	78	33	54.2	8.88		Portage.....	89	30	61.3	0.86	
Jacksonville.....	85	24	52.6	1.49		Shoalwater Bay* ¹⁰	64	45	55.2	...		Port Washington.....	90	24	56.0	1.22	
Manchester.....	82	25	52.6	4.08	0.9	Silvana.....	70	35	54.6	4.55		Prairie du Chien a.....	92	31	63.9	3.02	
Norwich.....	88	19	51.0	2.72	T.	Snohomish.....	72	40	57.8	4.62		Prairie du Chien b.....	88	27	61.2	2.71	
St. Johnsbury.....	89	22	50.1	2.66	T.	Snoqualmie.....	...	...	...	...		Prentice.....	88	22	56.7	1.55	
Vernon* ⁶	90	32	55.6	3.81		Southbend.....	74	38	54.7	5.60		Racine.....	87	21	58.0	1.75	
Wells.....	86	25	52.6	2.51	0.5	Sprague.....	86	36	60.2	0.10		Sharon.....	87	30	61.9	1.85	
Woodstock.....	86	17	50.5	2.98	T.	Sunnyside.....	88	37	52.4	5.12		Sheboygan.....	91	19	58.8	0.87	
<i>Virginia.</i>						Twin.....	77	35	54.4	6.18		Spooner.....	89	19	58.7	1.89	
Alexandria.....	96	38	66.2	2.92		Union.....	81	37	56.5	4.40		Stevens Point.....	84	28	51.2		
Ashland.....	92	40	65.8	2.59		Vancouver.....	86	31	55.6	0.72		Sturgeon Bay Canal* ⁹	80	32	52.8		
Barboursville.....	91	35	65.2	1.41		Waterville.....	86	33	54.6	2.04		Two Rivers* ¹⁰	80	23	55.2		
Bedford.....	90	37	63.0	2.92		Wenatchee (near).....	86	33	58.3	0.54		Valley Junction.....	90	24	59.2	1.58	
Bigstone Gap.....	91	30	63.7	1.54		Westsound.....	71	35	54.6	2.04		Viroqua.....	86	30	60.4	2.99	
Birdsnest* ¹	89	45	64.2	3.30		Wilbur.....	84	25	55.0	1.60		Watertown.....	88	25	60.3	1.99	
Blacksburg.....	87	31	59.1	3.19		<i>West Virginia.</i>						Waukesha.....	87	31	59.2	1.21	
Bon Air.....	92	41	66.4	2.47		Beckley.....	86	26	57.0	2.16		Wausau.....	90	23	58.9	1.47	
Burke's Garden.....	84	28	56.3	4.51		Beverly.....	92	24	60.3	3.75		Westfield.....	89	26	55.2	1.46	
Callaway.....	89	40	65.0	3.18		Bluefield.....	88	30	61.2	4.90		Whitehall.....	88	22	61.2	2.26	
Charlottesville.....	92	38	69.7	2.58		Buckhannon b.....	91	26	61.2	3.31		<i>Wyoming.</i>					
Christiansburg.....			4.34			Burlington.....	93	29	62.4	1.45		Alcoa.....	93	30	58.4	0.50	
Clarksville.....			2.66			Cairo.....	93	26	61.2	...		Basin.....	89	36	58.8	0.58	
Cliftonforge.....	94	36	62.7	3.80		Central.....	92	25	62.6	3.41		Bedford ^k	81	25	48.8	1.65	
Dale Enterprise.....	92	27	62.0	2.06		Charleston.....	96	31	64.4	6.30		Bitter Creek.....	95	18	57.8	T.	
Danville.....			2.67			Dayton.....	93	25	61.0	3.08		Buffalo.....	91	32	58.6	T.	
Farmville.....	95	42	67.3	2.48		Eastbank.....	93	34	67.8	8.52		Burlington.....	94	38	61.8	T.	
Fredericksburg.....	93	39	64.6	1.17		Elkhorn.....	90	32	62.2	5.74		Carbon.....	83	26	55.3	0.34	12.0
Freeling.....	85	31	58.4	2.30		Fairmont.....	92	27	62.0	2.99		Centennial.....	81	16	48.0	0.45	
Hampton.....	90	45	67.2	3.00		Glenville.....	94	27	62.6	4.30		Cody.....	92	31	57.4	0.22	
Hot Springs.....	87	28	60.1	3.50		Grafton.....	92	21	62.0	2.72		Daniel.....	90	18	47.1	0.77	
Lexington.....	90	37	63.2	2.70		Green Sulphur Springs.....	89	32	62.4	3.82		Dome Lake.....	66	23	39.6	1.44	
Manassas.....	92	39	65.4	1.79		Harpers Ferry.....	92	25	60.9	2.41		Embar.....	86	30	58.0	0.38	
Marion.....	91 ^d	31 ^d	61.84	3.22		Hinton a.....	92	31	59.9	2.96		Evanston.....	77	24	48.5	0.85	
Newport News.....	95	45	70.8	3.50		Hinton b.....	92	31	59.9	...		Fort Laramie.....	93	30	60.2	0.45	
Petersburg.....	96	41	68.1	1.69		Huntington.....	94	31	60.0	4.02		Fort Washakie.....	85	28	54.5	0.42	
Radford.....			3.31			Lewisburg.....	89	28	60.8	2.43		Fort Yellowstone.....	77	30	50.5	2.42	
Rockymount.....	91	33	66.8	2.65		Marlinton.....	87	27	59.5	2.80		Fourbear.....	78	26	50.2	0.82	
Salem.....	91	38	66.4	3.12		Martinsburg.....	94	35	63.0	0.35		Hyattville.....	88	33	57.4	0.05	
Speers Ferry.....			1.58			Morgantown.....	94	28	63.2	2.14		Iron Mountain.....	82	22	58.5	0.88	
Spottsville.....	95	37	66.8	3.84		New Martinsville.....	93	28	63.8	3.47		Laramie.....	78	24	50.8	0.24	
Standardsville.....	92	36	64.2	1.13		Nuttallburg.....	90	28	62.6	3.41		Lovell.....	97	31	61.1	0.51	
Staunton.....	94	33	64.6	3.19		Oceana.....	93	30	62.8	3.62		Lusk.....	86	30	57.4	0.34	
Stephens City.....	96	34	65.6	2.95		Oldfields.....	93	27	63.4	1.63		Parkman.....	87	32	56.0	0.70	
Sunbeam.....	91	42	66.2	2.66		Parsons.....	92	25	60.9	1.70		Pinebluff.....	82	37	66.0	T.	
Tobaccoville.....			2.05			Philipps a.....	92	28	60.8	2.71		Rawlins.....	82	27	52.1	0.17	
Warrenton.....	94	38	64.4	1.96		Point Pleasant.....	98	31	66.4	3.71		Saratoga.....	84	26	52.6	0.76	
Warsaw.....	94	38	65.0	4.03		Romney.....	95	30	63.5	1.08		Sheridan.....	91	...	...	0.70	
Woodstock.....	93	33	65.4	1.22		Rowlesburg.....	92	26	63.3	1.36		Southpass City.....	75	22	48.0	0.84	
Wytheville.....	91	32	62.0	2.65		Spencer.....	94	26	63.3	3.94		Thayne.....	77	29	50.8	1.43	
<i>Washington.</i>						Terra Alta.....	85	29	63.8	1.50		Thermopolis.....	90	33	58.8	1.10	
Aberdeen.....	70	36	51.9	5.60		Upper tract.....	91 ^e	24	62.0	3.60		Wheatland ^k	93	34	63.4	0.81	
Anacortes.....			8.11			Wellsburg.....	87	28	62.2	1.55		<i>Cuba.</i>					
Ashford.....						Weston a.....	94	27	64.4	4.48		Aguacate.....	93	63	78.4	18.62	
Bremerton.....	79	40	55.3	4.66		Weston b.....	94	27	64.4	...		Australia.....	93	63	79.6	8.12	
Bridgeport.....	88	35	61.8			Wheeling a.....	85	32	54.9	0.90		Banaguises.....	92	64	77.8	9.49	
Brinmon.....	70	38	55.4	6.99		Wheeling b.....	88	31	61.2	1.64		Batabano.....	90	67	80.2	10.26	
Cedar Lake.....			10.07			Beloit.....	91	27	62.4	1.08		Camajuaní.....	93	59	77.4	12.07	
Cedonia.....	78	82	53.6	2.02		Brookhead.....	91	27	61.4	0.91		Cardenes.....	94	69	81.1	11.28	
Centerville.....	83	83	56.8	0.49		Butternut.....	91	16	54.1	0.91		Cruces.....				4.54	
Cheney.....			3.70			Citypoint.....	91	26	63.0	2.34		Guabairo.....				6.93	
Clearwater.....	75	88	54.5	7.74		Delavan.....	90	30	61.8	0.71		Guanajay.....	89	75	83.6	10.39	
Cle Elum.....	84	29	52.6	1.14		Dodgeville.....	87	30	60.2	3.77		Guantanamo.....	96	62	78.4	10.07	
Colfax.....	89	35	57.0	3.52		Easton.....	90	20	59.8	1.46		Guines.....	94	72	84.0	17.02	
Colville.....	86	29	54.4	1.33		Eau Claire.....	92	27	61.8	0.75		Holguin.....	93	67	78.4	8.78	
Conconully.....	82	32	56.2	2.29		Fond du Lac.....	88	27	59.7	1.19		Limonar.....	93	70	83.7	10.23	
Connell.....			0.12			Grand River Locks.....	92	21	57.2	1.40		Manzanillo.....	93	64	77.2	9.17	
Coulee City ^c	85	37															

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

Stations.	Temperature. (Fahrenheit.)			Precipita- tion.		Stations.	Temperature. (Fahrenheit.)			Precipita- tion.	
	Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.		Maximum.	Minimum.	Mean.	Rain and melted snow.	Total depth of snow.
Puerto Rico—Cont'd.	°	°	°	In.	In.	California.	°	°	°	In.	In.
Humacao.....	97	70	81.0	10.79		Fort Tejon.....	.....	.....	.....	1.52	
Isabela.....	91	69	80.1			Mutah Flat.....	.....	.....	.....	0.40	
La Isolina.....	91	65	78.5	12.01		Placerville.....	78	28	50.4	4.32	
Lajas.....	95	61	79.6	2.80		District of Columbia.	.....	.....	.....
Manati.....	97	66	79.4	7.07		Distrib. Reservoir* ⁵	82	34	56.1	1.86	
Maunabo.....	88	74	81.2	6.17		Florida.	.....	.....	.....
Mayaguez.....	92	69	80.6	6.14		Rockwell.....	.....	.....	.....	6.47	
Ponce.....	90	69	79.1	3.08		Georgia.	.....	.....	.....
Port America ¹	89	70	80.2	4.87		Blakely.....	85	35	67.6	5.73	
Puerta de Tierra.....	92	72	80.4	4.70		Iowa.	.....	.....	.....
San German.....	92	58	75.2	4.48		Burlington.....	83	27	55.4	3.78	
San Lorenzo.....	90	66	78.8	10.18		Pella.....	80 ^d	24 ^d	53.0 ^d	2.65	0.5
Utuado.....	95	.....	.....	4.25		Maine.	.....	.....	.....
Vieques.....	88	68	77.7	6.30		Bar Harbor.....	.....	.....	.....	3.15	T.
Yanco.....	95	66	81.6	1.70		Michigan.	.....	.....	.....
Mexico.	.....	.....	.....	.....		Ewen.....	80	.....	.....	2.20	
Ciudad P. Diaz.....	94	59	77.4	5.82		Omer.....	.....	.....	.....	1.65	1.5
Coatzacoalcos.....	110	68	82.2	5.64		New York.	.....	.....	.....
Leon de Aldamas.....	92	47	70.0	0.31		Avon.....	73	22	43.8	1.10	2.0
Puebla* ¹	85	55	68.4	1.48		Fleming.....	.....	.....	.....
Tampico.....	93	71	82.8	0.29		Oklahoma.	.....	.....	.....
Topolobampo* ¹	101	64	76.6	0.00		Clifton.....	.....	31	.....	4.39	.....
Vera Cruz.....	94	72	82.7	2.48		South Carolina.	.....	.....	.....
New Brunswick.	.....	.....	.....	.....		Society Hill.....	85	34	63.4	5.07	
St. John	84	82	47.0	6.22		South Dakota.	.....	.....	.....
Alaska.	.....	.....	.....	.....		Wessington Springs ¹	79	20	46.2	1.50	
Coal Harbor.....	47	10	32.2	16.88	27.5	Texas.	.....	.....	.....
Juneau.....	61	30	41.2	11.37	3.0	Laureles Ranch.....	.....	.....	.....
Kenai.....	58	10	35.2	0.52	2.5	San Antonio.....	87	36	69.2	9.44	
Killisnoo.....	58	27	40.7	6.85	1.5	Utah.	.....	.....	.....
Orea.....	64	25	39.6	16.35	10.0	Meadowville.....	.....	.....	.....
Skagway.....	58	21	35.5	4.12	8.0	Richfield.....	65	20	39.5	1.09	5.5
Wood Island.....	54	11	37.8	2.60	5.5	Terrace ⁻¹	78	29	44.4	0.60	
Arkansas.	.....	.....	.....	.....	Woodruff.....	68	21	40.4	1.20	12.0	
New Gascony.....	84	34	64.8	7.36		West Virginia.	.....	.....	.....
Oregon.....	86	29	60.0	4.31		Terra Alta.....	75	18	49.8	1.50	2.0
Washington.	.....	.....	.....	.....		Washington.	.....	.....	.....
Westbend.....	.....	.....	.....	.....		Westbend.....	80	24	52.9	1.12	1.2

EXPLANATION OF SIGNS.

* Extremes of temperature from observed readings of dry thermometer.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 9 p. m. + 4.

² Mean of 8 a. m. + 8 p. m. + 2.

³ Mean of 7 a. m. + 7 p. m. + 2.

⁴ Mean of 6 a. m. + 6 p. m. + 2.

⁵ Mean of 7 a. m. + 2 p. m. + 2.

* Mean of readings at various hours reduced to true daily mean by special tables.

⁷ Mean from hourly readings of thermograph.

⁹ Mean of sunrise and noon.

¹⁰ Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "*a*" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

CORRECTION.

April, 1900, Iowa, Estherville, make total precipitation 2.06 instead of 2.16. Utah, Marysvale, make total precipitation 1.65 instead of 1.60.

NOTE.—The following changes have been made in the names of stations: California, Johns ville, changed to Beverly. Wyoming, Burns, changed to Daniel.

TABLE III.—Mean temperature for each hour of seventy-fifth meridian time, May, 1900.

Stations.	1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	Midn't.	Mean.		
Bismarck, N Dak...	57.4	55.6	53.9	52.7	51.7	50.4	50.0	53.4	57.1	62.0	65.8	68.7	71.5	73.8	74.8	75.8	76.0	75.6	74.5	72.7	68.6	63.9	61.6	59.0	68.6		
Boston, Mass	60.6	49.8	48.7	48.0	47.6	48.2	50.2	52.5	54.8	56.4	57.5	58.1	59.5	60.1	60.6	60.8	60.3	59.6	58.0	56.2	54.4	53.1	52.1	54.7	54.7		
Buffalo, N. Y.....	61.8	51.2	51.8	50.0	49.1	49.5	50.9	52.6	54.1	55.5	56.5	57.1	57.7	57.8	57.6	57.5	56.9	55.9	54.9	54.6	54.0	52.9	54.0	54.0	54.0		
Cedar City, Utah....	56.7	55.8	53.6	52.3	51.5	50.0	50.3	49.6	52.0	53.5	54.3	58.0	61.5	63.4	64.9	66.2	68.5	68.0	66.8	65.2	61.4	59.8	58.0	59.4	59.4		
Chicago, Ill.....	56.5	56.2	55.6	54.9	54.0	53.8	53.0	55.1	56.5	56.2	60.1	60.8	60.9	61.8	62.4	61.6	61.2	61.4	59.3	58.7	58.2	57.1	56.8	58.1	58.1		
Cincinnati, Ohio....	61.4	60.3	59.2	58.7	57.9	57.5	56.9	58.0	59.5	60.6	61.6	62.8	64.0	65.2	67.2	73.1	73.5	74.2	74.4	73.4	71.6	70.3	67.9	66.5	64.5	63.8	66.2
Cleveland, Ohio....	56.6	56.0	55.4	54.7	54.0	53.9	55.4	57.2	59.3	59.7	60.6	61.0	61.8	62.2	63.4	64.2	63.9	64.5	63.9	62.9	61.7	59.9	58.7	57.8	59.5	59.5	
Detroit, Mich.....	54.7	53.9	53.2	52.8	52.1	52.1	52.8	54.5	57.4	57.9	61.6	64.3	65.1	66.0	67.4	67.6	67.6	66.3	64.3	61.6	59.5	58.5	56.5	55.7	54.9	54.9	
Dodge, Kans.....	68.4	57.8	56.8	56.3	55.6	54.8	54.4	55.9	59.6	63.1	66.7	68.8	70.7	71.9	73.0	78.2	73.2	73.1	74.4	69.8	65.8	63.3	61.4	60.2	63.9	63.9	
Eastport, Me.....	42.2	41.8	41.2	40.9	40.8	42.0	48.8	45.4	47.8	48.7	49.4	50.0	50.9	50.8	51.1	50.5	49.5	48.4	47.0	46.5	45.2	44.7	43.7	43.1	45.8	45.8	
Galveston, Tex....	74.7	74.5	74.2	74.1	74.0	73.9	73.6	74.3	74.6	75.5	76.5	77.6	78.1	78.6	79.1	78.9	78.7	77.9	77.5	76.9	76.2	75.8	75.5	75.4	76.1	76.1	
Havre, Mont.....	53.8	51.9	50.1	49.0	47.9	47.0	48.2	47.5	51.1	55.0	59.5	62.9	65.2	65.2	67.0	67.9	68.7	69.6	68.8	67.8	65.6	62.8	58.1	55.8	58.7	58.7	
Independence, Cal... Kalispeil, Mont....	75.0	68.3	61.7	60.7	59.5	57.9	57.0	56.9	56.4	58.5	62.4	65.8	68.8	71.6	73.7	74.8	76.1	76.5	76.7	76.6	75.1	71.7	69.5	67.4	66.6	66.6	
Kansas City, Mo....	63.2	62.5	61.5	60.6	59.7	59.2	60.4	62.8	65.3	68.1	69.9	71.4	72.3	73.5	73.6	73.9	73.8	73.6	72.6	70.9	69.8	67.3	66.0	64.9	64.9	66.7	
Key West, Fla.....	75.7	75.7	75.5	75.6	75.7	76.4	77.0	77.8	78.7	79.2	80.0	79.6	79.3	79.2	79.1	78.9	77.7	77.1	76.6	76.1	76.0	75.6	75.3	75.7	77.3	77.3	
Marquette, Mich....	50.1	49.2	48.9	47.9	47.8	48.4	51.3	52.4	53.4	54.7	55.1	55.5	55.7	55.9	55.8	54.9	54.7	54.6	54.5	53.4	52.7	52.0	51.7	52.7	52.4	52.4	
Memphis, Tenn.....	67.1	66.1	65.2	64.5	64.0	63.5	64.2	65.6	68.4	70.4	72.8	73.8	75.1	75.9	77.0	77.6	77.7	77.4	76.5	74.5	72.5	71.1	69.7	68.4	70.8	70.8	
Mt. Tamalpais, Cal... New Orleans, La....	53.0	52.8	52.4	51.8	51.5	51.4	51.1	50.9	50.4	51.3	52.9	54.7	56.5	57.9	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.6	59.5	58.8	58.7	58.7	
New York, N. Y....	56.9	55.8	55.3	54.9	54.5	54.7	55.7	57.1	58.7	61.3	63.6	65.0	65.5	66.5	66.7	66.7	65.8	65.8	65.2	62.0	61.8	59.9	59.2	58.4	60.6	60.6	
Philadelphia, Pa....	57.5	56.6	56.1	55.8	55.2	55.8	56.0	60.5	62.6	65.1	67.2	69.0	70.1	70.9	70.5	70.1	69.1	68.0	67.2	66.2	64.2	61.8	60.6	59.4	58.7	62.9	
Pittsburg, Pa.....	59.9	58.8	57.7	57.0	56.5	56.1	55.6	56.8	58.9	62.7	65.6	67.9	69.5	70.9	72.0	72.4	72.2	72.5	71.7	69.9	67.9	66.4	64.7	63.0	61.9	61.7	
Portland, Oreg.....	55.1	54.3	53.7	53.2	52.3	51.8	51.0	50.8	50.6	51.0	52.5	54.4	56.0	57.2	59.2	60.4	61.6	62.4	62.1	61.4	60.1	58.8	57.0	56.2	56.2	56.2	
St. Louis, Mo.....	65.1	64.1	63.4	62.7	61.8	61.2	61.5	63.2	65.5	68.0	70.6	72.0	73.8	75.5	76.6	78.0	78.8	79.2	79.1	78.8	77.9	76.8	75.5	74.8	74.6	74.6	
St. Paul, Minn.....	58.9	57.2	56.7	54.1	52.9	51.7	51.1	52.7	55.7	59.5	62.4	65.0	67.7	69.4	70.8	71.6	72.9	71.8	71.3	70.0	68.2	65.1	63.2	62.5	62.5		
Salt Lake City, Utah....	56.4	55.6	54.1	53.4	52.7	51.9	51.5	52.3	53.8	58.0	61.6	64.2	66.1	67.1	68.4	69.3	69.4	69.5	69.0	68.4	66.5	64.4	62.0	59.4	60.0	60.6	
San Diego, Cal.....	59.6	59.0	58.5	58.1	57.9	57.6	57.5	57.6	57.7	59.1	60.7	62.7	63.1	62.6	63.7	64.3	64.5	64.4	63.8	63.8	61.6	60.7	60.2	59.6	59.6	60.6	
San Francisco, Cal... Santa Fe, N. Mex....	53.9	53.3	52.7	52.3	51.8	51.5	51.2	52.3	51.3	52.1	53.2	55.4	57.4	59.4	60.8	61.8	62.1	61.9	61.8	59.0	57.8	56.1	54.5	55.6	55.6	55.6	
Savannah, Ga.....	67.9	67.4	66.7	66.2	65.8	65.0	64.8	67.5	69.8	72.4	74.7	76.7	78.5	79.6	79.7	79.6	78.6	77.0	75.1	74.0	69.6	69.1	68.6	69.6	69.6	72.2	
Washington, D. C....	58.3	57.2	56.3	55.5	54.7	54.4	53.0	56.8	63.6	66.5	69.3	70.9	72.5	73.6	74.1	74.1	73.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
<i>West Indies.</i>																											
Basseterre, St. Kitts...	77.2	76.9	76.9	77.2	77.4	78.6	80.2	81.0	81.9	82.4	83.3	83.2	83.2	82.8	82.3	81.4	80.1	79.0	78.6	78.8	78.5	78.0	77.7	77.4	79.7	79.7	
Bridgetown, Bar....	77.2	76.9	76.7	76.5	76.8	79.0	81.1	82.1	83.1	84.1	84.5	84.4	84.0	83.7	82.7	81.5	80.0	79.8	78.6	78.4	78.1	77.9	77.7	77.4	80.0	80.0	
Cienfuegos, Cuba....	74.7	74.8	74.2	73.7	73.3	74.5	78.0	80.2	82.0	83.7	84.6	84.4	84.0	83.4	82.7	82.0	81.0	80.9	80.2	79.5	78.5	78.1	77.4	76.8	76.5	76.5	
Havana, Cuba.....	74.5	74.2	74.2	74.0	73.8	73.7	74.0	75.8	78.9	79.5	79.9	80.9	81.0	80.9	80.9	80.9	80.9	80.9	80.9	79.5	78.8	78.4	77.7	77.1	77.1	77.1	
Kingston, Jamaica....	74.8	74.5	73.9	73.7	73.6	73.4	73.5	74.4	74.9	75.4	76.3	78.1	81.3	82.2	83.7	84.8	84.3	84.3	83.5	82.5	81.3	79.8	78.5	77.8	77.8	79.9	
Port of Spain, Trin...	74.6	74.1	73.8	73.7	73.5	73.4	73.7	75.7	78.1	80.6	82.6	84.1	84.7	85.6	85.7	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
P. Princepe, Cuba....	72.4	71.9	71.7	71.6	71.5	72.6	78.2	80.5	82.6	84.1	84.7	85.6	86.5	87.0	87.5	88.0	88.5	89.0	89.5	89.0	87.5	87.3	86.3	85.7	85.7	87.0	
Roceau, Dominica...	76.6	76.2	75.9	75.6	75.6	75.2	78.2	81.2	82.8	84.5	85.3	85.4	85.2	85.0	84.5	84.5	84.0	83.7	83.4	83.2	82.2	81.3	80.5	81.3	81.5	81.5	
San Juan, P. R.....	75.7	75.4	75.0	74.9	74.6	75.5	78.1	80.2	81.1	81.8	82.4	82.9	83.5	84.2	84.8	85.4	85.2	84.7	84.4	84.3	83.7	83.5	83.8	83.6	83.6	83.6	
Santiago de Cuba...	75.5	75.2	75.0	74.8	74.4	73.5	78.3	80.2	83.2	84.7	85.5	86.8	87.6	88.6	89.6	89.8	89.8	89.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
Santo Domingo, S. D...	74.5	74.2	73.8	73.6	73.1	73.3	75.6	79.3	81.1	81.9	82.5	82.9	83.0	83.0	83.0	83.0	83.0	82.8	82.6	82.4	81.2	80.7	79.9	79.5	79.5	79.2	
Willemstad, Curacao...	78.6	78.4	78.5	78.4	78.4	78.7	80.7	82.7	82.0	83.5	84.7	85.4	86.0	86.7	87.7	88.7	89.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
<i>West Indies.</i>																											
Basseterre, St. Kitts...	29.949	.939	.936	.938	.947	.962	.975	.983	.987	.984	.975	.976	.974	.964	.952	.923	.922	.927	.926	.926							

TABLE V.—Average wind movement for each hour of seventy-fifth meridian time, May, 1900.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
Abilene, Tex.	6.9	7.5	8.0	7.5	7.6	7.6	7.3	7.9	8.0	10.0	9.8	9.8	9.3	9.7	9.5	9.6	10.0	9.8	9.3	8.5	6.8	6.6	6.5	6.7	8.3
Albany, N. Y.	5.3	5.3	5.2	5.1	4.9	4.8	6.3	7.9	7.9	8.6	9.5	9.7	10.4	10.7	11.5	11.5	10.9	9.4	8.5	7.5	6.8	6.1	5.7	5.1	7.7
Alpena, Mich.	6.7	6.8	7.0	7.0	6.4	6.7	7.0	7.9	9.4	10.8	11.6	13.2	13.7	14.1	12.7	12.1	11.8	9.7	8.1	6.9	6.2	6.0	6.5	6.5	9.1
Amarillo, Tex.	13.1	13.0	13.2	11.9	11.5	11.8	11.9	11.2	12.6	14.7	15.2	14.8	15.2	14.9	14.2	14.7	14.9	14.6	16.2	14.1	13.3	13.2	13.4	13.7	18.7
Atlanta, Ga.	10.0	10.4	10.3	9.9	9.5	9.2	8.8	7.9	7.9	7.8	8.9	9.7	10.2	10.4	10.3	10.3	10.0	9.4	8.4	9.3	10.0	10.3	10.2	9.5	9.5
Atlantic City, N. J.	11.5	11.5	11.0	10.8	10.1	9.5	10.0	10.7	11.4	11.9	13.2	13.9	14.4	15.2	15.1	14.5	14.0	13.3	12.7	12.6	12.2	11.8	12.0	11.9	12.3
Augusta, Ga.	3.8	3.8	3.9	3.8	3.8	3.4	3.7	5.2	6.5	7.1	7.4	7.6	8.5	8.7	9.1	9.2	9.0	8.4	6.9	5.7	5.0	5.0	4.3	4.3	6.0
Baker City, Oreg.	8.8	4.1	5.0	4.6	5.5	6.8	6.4	6.2	5.6	5.4	4.4	4.2	4.6	5.6	6.5	7.4	7.9	8.0	8.0	7.5	6.8	5.9	4.4	3.7	5.8
Baltimore, Md.	8.6	8.7	8.3	8.4	8.6	8.4	4.1	5.0	5.6	6.3	7.0	7.0	7.3	7.6	8.0	8.3	8.1	7.5	6.6	5.6	5.0	4.5	3.9	8.8	5.5
Bismarck, N. Dak.	7.6	7.2	7.0	6.9	7.1	6.7	7.0	7.5	8.5	9.2	10.5	13.0	14.9	15.0	15.6	14.8	14.5	14.1	12.8	9.9	8.6	7.9	7.4	10.4	
Block Island, R. I.	15.8	15.4	14.3	15.2	15.4	16.7	17.4	17.5	16.9	16.4	17.1	18.4	18.7	19.6	19.7	19.9	19.2	18.6	18.0	18.4	16.1	16.0	17.3	17.3	
Boise, Idaho.	4.4	4.8	4.5	4.3	4.0	3.7	8.5	3.2	3.1	3.9	4.4	5.5	7.4	7.7	7.5	7.5	7.4	7.4	7.0	7.0	5.2	4.5	4.1	5.2	
Boston, Mass.	9.7	10.2	9.7	9.0	9.5	9.0	9.7	10.7	10.9	11.6	12.3	13.2	13.8	14.8	14.3	13.3	12.1	11.4	10.1	9.9	9.1	8.8	8.6	10.8	
Buffalo, N. Y.	10.4	11.0	11.3	11.1	11.2	10.7	11.7	12.2	12.3	12.9	13.5	13.7	14.2	14.3	14.5	14.8	14.7	13.8	12.5	11.7	11.3	11.5	10.9	12.4	
Cairo, Ill.	5.4	5.4	5.5	6.0	5.9	6.2	5.1	6.3	7.2	7.7	8.2	9.4	9.6	10.2	10.8	10.5	10.0	9.3	8.8	8.6	5.4	5.1	6.0	5.7	7.3
Cape Henry, Va.	15.2	15.5	15.2	14.7	14.4	13.9	13.5	14.9	14.6	14.4	14.1	13.8	14.3	13.7	13.8	14.8	14.7	14.2	12.0	12.3	13.0	13.7	15.2	15.6	14.2
Carson City, Nev.	6.8	5.8	5.8	4.7	4.0	4.1	4.4	4.7	3.8	3.2	5.1	5.6	6.0	7.8	9.3	10.3	10.9	11.1	11.9	11.8	11.0	11.2	10.3	8.0	7.8
Cedar City, Utah.	7.8	9.1	8.1	6.9	6.1	6.3	6.1	6.0	4.8	5.4	6.7	6.7	9.1	9.8	10.4	10.9	10.5	10.3	9.8	9.2	7.7	6.0	6.2	7.8	7.7
Charleston, S. C.	8.5	8.6	8.7	8.5	8.7	8.4	8.8	10.7	11.1	11.5	11.3	11.8	12.8	13.6	14.3	14.5	14.0	13.4	11.6	9.6	9.9	9.3	8.5	8.1	10.6
Charlotte, N. C.	5.9	6.0	6.1	5.6	5.3	5.7	5.4	6.5	7.6	7.1	7.2	7.7	7.8	7.7	8.0	8.3	8.4	8.0	6.3	5.4	5.5	5.8	6.4	6.5	6.7
Chattanooga, Tenn.	4.3	4.9	4.2	3.5	3.0	3.9	3.8	4.4	5.7	6.8	7.7	8.6	9.6	10.0	10.4	10.1	10.4	10.2	8.5	6.2	4.9	4.2	4.0	4.2	6.4
Cheyenne, Wyo.	8.9	8.5	8.5	8.7	8.7	8.2	7.8	7.5	8.2	9.0	10.9	11.0	10.8	10.9	11.1	10.8	10.9	10.7	11.2	10.5	8.5	8.0	9.0	9.5	
Chicago, Ill.	17.8	17.2	16.5	16.2	16.6	16.2	15.9	15.1	15.4	15.8	15.8	15.1	16.3	16.3	16.0	16.9	16.6	16.8	16.2	16.4	16.2	17.2	16.7	16.3	
Cincinnati, Ohio.	4.1	4.5	4.5	4.4	4.0	4.6	4.7	6.1	7.2	7.7	9.2	9.4	10.3	10.8	9.0	9.7	9.5	9.4	8.7	7.2	6.1	4.5	4.4	6.9	
Cleveland, Ohio.	13.0	13.4	12.7	13.6	13.4	12.6	12.3	13.1	13.4	14.1	13.5	14.1	13.7	13.5	12.9	12.4	12.4	11.3	10.3	10.7	10.6	11.6	13.0	12.5	
Columbia, Mo.	6.1	5.8	5.5	5.8	5.7	5.8	5.9	6.0	6.5	7.2	7.9	8.5	8.5	8.6	8.5	8.6	8.6	8.6	8.0	7.8	6.6	6.3	5.9	6.0	6.9
Columbus, Ohio.	5.9	5.8	5.7	6.2	5.5	5.4	5.6	6.3	6.6	7.3	8.5	9.5	10.3	10.9	10.4	10.2	10.2	9.5	8.1	7.3	6.2	5.8	6.2	7.5	
Concordia, Kans.	6.3	6.1	4.9	4.9	5.2	5.7	5.5	5.5	6.8	8.0	8.8	8.8	8.7	9.1	9.2	9.4	9.7	9.5	8.7	8.2	7.9	6.2	5.2	6.3	7.1
Corpus Christi, Tex.	13.2	12.4	11.7	11.5	10.2	9.5	9.2	9.4	10.1	11.5	12.5	13.8	14.8	15.4	16.3	17.3	17.7	17.0	16.7	16.9	16.3	16.1	15.6	14.3	13.8
Davenport, Iowa.	4.8	5.0	5.1	5.0	4.8	4.7	5.1	6.0	6.7	7.2	8.0	8.6	9.4	8.9	8.5	8.5	8.3	8.7	7.6	7.4	5.9	4.8	5.1	6.5	
Denver, Colo.	6.3	5.8	6.1	6.5	6.5	6.3	5.8	5.4	4.7	5.3	6.0	7.3	8.1	9.1	8.9	9.5	9.5	9.9	9.9	9.5	9.5	9.1	8.6	8.0	7.6
Des Moines, Iowa.	6.5	6.5	6.2	5.7	6.1	5.6	5.9	6.5	8.3	8.3	9.2	9.7	10.7	11.8	12.1	11.5	11.5	10.8	9.8	8.1	6.5	5.5	5.8	6.2	
Detroit, Mich.	7.5	7.8	7.4	7.4	7.6	7.9	8.1	8.1	8.8	9.2	10.0	10.9	11.3	11.6	10.8	10.2	9.4	8.2	7.9	7.6	7.3	8.8	8.8		
Dodge, Kans.	8.3	8.3	7.7	6.9	6.6	7.1	7.1	6.7	8.7	10.4	11.1	11.3	12.0	12.1	12.8	13.7	13.3	12.5	13.1	12.3	10.1	9.3	9.4	9.9	
Dubuque, Iowa.	4.9	4.7	4.4	4.6	4.5	4.8	5.1	5.7	5.4	6.7	7.2	8.3	9.1	9.3	9.4	9.7	9.9	9.6	8.7	7.1	6.3	5.2	5.2	7.0	
Duluth, Minn.	8.5	8.3	7.9	8.3	8.1	8.1	7.8	8.8	8.7	9.6	10.2	11.1	11.9	12.2	12.6	12.7	11.4	10.6	9.2	7.5	8.5	8.9	8.7	9.7	
Eastport, Me.	8.3	7.7	7.4	7.6	7.6	7.7	8.3	8.9	9.2	9.7	11.5	12.8	13.2	13.8	14.7	14.0	14.0	12.6	12.9	9.3	9.4	8.8	9.0	10.2	
Elkins, W. Va.	2.1	2.1	2.2	1.8	1.9	1.8	1.9	2.8	3.7	5.3	7.1	7.5	7.9	7.8	8.2	8.2	7.7	6.6	5.5	4.3	3.8	2.9	2.4	4.5	
El Paso, Tex.	11.5	10.6	9.9	9.8	10.0	9.8	8.6	8.6	8.6	10.1	11.2	11.7	12.3	11.9	12.1	12.8	13.9	14.1	15.3	15.0	13.0	12.1	11.4	11.7	
Erie, Pa.	9.0	9.3	9.9	9.8	9.2	9.2	9.5	11.1	11.4	11.4	10.7	11.3	11.5	11.0	10.8	9.1	8.2	7.5	7.6	8.5	9.2	9.2	9.8		
Escanaba, Mich.	6.5	6.1	6.4	6.5	6.0	6.2	6.9	7.6	8.5	9.4	10.1	11.2	11.9	12.0	11.8	12.3	11.8	10.1	9.7	7.1	6.6	6.8	6.7	8.7	
Eureka, Cal.	5.2	4.8	4.8	3.6	3.4	3.4	3.4	4.1	3.8	3.8	4.6	6.6	9.0	10.5	11.4	11.8	12.1	12.6	12.9	11.9	10.2	7.8	7.0	7.6	
Evansville, Ind.	5.2	4.8	4.8	3.6	3.4	3.4	3.4	4.1	4.1	4.1	5.0	5.5	7.4	8.5	9.3	9.4	8.6	8.5	8.0	7.6	7.2	6.4	5.2	6.6	
Fort Smith, Ark.	5.0	4.9	4.5	5.0	5.1	5.1	6.1	5.2	5.5	6.0	6.7	7.3	8.3	8.7	8.9	8.5	8.8	8.1	6.7	5.4	4.6	4.8	5.3	6.3	
Fort Worth, Tex.
Fresno, Cal.	7.7	8.2	7.9	7.3	6.7	6.2	5.8	6.0	5.5	5.9	5.9	6.1	5.6	5.9	5.6	6.1	6.5	6.2	6.4	7.2	7.2	6.7	6.6	7.3	6.5
Galveston, Tex.	7.3	7.8	7.6	7.8	8.0	8.0	8.5	9.4	9.9	9.9	9.5	9.3	9.7	9.4	9.0	8.9	8.6	8.0	7.8	7.8	7.7	7.9	8.5		
Grand Haven, Mich.	8.8	9.3	9.3	8.9	9.2	9.1	9.2	9.7	10.0	10.2	10.8	10.4	10.6	10.2	10.5	10.9	10.5	10.0	9.3	8.9	8.2	8.0	9.2	9.8	
Grand Junction, Colo.	4.2	4.2	4.3	5.4	5.4	5.8	5.1	5.4	5.7	6.6	7.4	7.5	6.6	6.9	7.7	8.1	8.5	9.3	8.2	7.2	6.2	4.5	4.8	6.2	

TABLE V.—Average wind movement, etc.—Continued.

Stations.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	Midnight.	Mean.
New York, N. Y.	12.7	12.1	12.2	12.4	12.2	11.4	11.7	12.5	12.6	12.7	13.4	14.2	14.8	15.8	16.1	15.7	16.6	16.2	15.2	14.8	14.1	14.2	13.0	12.8	
Norfolk, Va.	9.0	8.9	8.9	8.4	8.5	8.6	9.1	10.7	10.9	10.8	11.4	11.7	11.5	11.8	11.4	12.7	12.2	11.9	10.0	9.3	9.6	10.3	9.6	10.3	
Northfield, Vt.	7.8	7.4	7.7	6.6	6.6	6.8	6.5	8.7	10.3	11.5	12.1	13.0	14.1	14.5	13.7	13.7	12.4	11.8	9.2	8.0	7.9	8.0	7.7	9.7	
North Platte, Nebr.	7.0	7.4	6.6	5.7	5.9	5.0	4.6	5.1	6.6	8.4	9.2	10.5	10.9	11.0	10.8	10.6	11.5	11.6	11.8	10.4	8.7	7.6	7.2	6.9	
Oklahoma, Okla.	7.0	7.4	7.8	7.2	7.0	6.7	6.2	7.3	8.8	9.7	10.7	10.3	10.2	10.7	10.4	10.4	10.0	10.0	8.5	7.2	7.1	6.6	6.6	8.5	
Omaha, Nebr.	6.8	6.8	5.9	5.5	5.8	5.5	5.5	6.4	7.5	8.9	9.6	11.0	11.0	10.8	11.2	11.4	10.9	10.7	10.2	9.1	7.7	6.7	6.5	6.2	8.2
Oswego, N. Y.	8.2	8.2	8.6	8.5	9.3	8.8	8.9	9.7	10.3	10.5	10.8	10.3	11.2	11.0	10.8	10.7	9.7	7.5	6.9	7.1	7.7	8.1	7.7	9.1	9.1
Palestine, Tex.	5.7	5.6	6.5	6.2	6.0	5.7	5.6	5.2	6.1	7.2	8.0	8.0	7.7	7.9	7.8	8.5	8.3	7.6	7.0	5.5	4.9	4.8	5.1	5.7	6.5
Parkersburg, W. Va.	2.7	2.9	3.1	3.5	3.4	3.6	3.6	4.1	4.4	5.1	6.1	6.5	7.5	7.1	7.8	7.7	7.7	7.0	5.9	4.9	3.8	3.4	2.9	2.8	4.9
Pensacola, Fla.	7.7	7.7	7.7	7.5	8.0	8.2	8.3	9.4	10.5	10.5	11.2	11.7	12.6	12.9	12.9	12.5	12.4	11.6	9.7	8.7	8.3	7.9	7.6	9.9	
Phoenix, Ariz.	3.2	3.8	3.2	3.8	3.2	3.2	3.7	4.0	4.1	4.3	4.7	4.8	4.6	4.6	5.0	5.6	6.3	6.4	6.6	6.1	4.7	4.4	3.7	3.5	4.4
Philadelphia, Pa.	9.1	8.7	8.3	7.9	7.4	7.5	8.0	9.0	9.7	10.2	10.5	11.4	12.0	12.6	13.0	13.5	12.5	11.4	10.8	10.2	9.5	9.4	8.5	10.2	
Pierre, S. Dak.	10.7	9.5	8.8	7.6	7.3	7.5	7.2	7.1	7.9	9.9	11.8	13.4	14.2	14.5	14.6	14.4	14.9	14.4	14.4	13.8	13.3	12.4	12.1	11.8	11.4
Pittsburg, Pa.	3.9	3.5	3.8	3.7	3.7	4.0	4.6	5.5	6.3	7.0	7.3	7.6	7.7	8.0	8.1	7.8	7.9	6.5	5.5	4.6	4.5	3.8	3.7	5.5	
Pocatello, Idaho.	8.8	9.2	9.4	10.1	10.3	9.8	9.2	9.5	9.6	9.3	9.1	8.6	8.7	10.4	10.5	10.2	11.3	10.8	10.6	9.8	9.1	8.9	8.8	9.7	
Point Reyes Lt., Cal.	26.6	25.9	25.7	25.5	25.4	25.3	24.6	23.5	23.2	22.3	22.4	22.3	21.5	22.0	23.0	23.9	23.6	24.6	26.7	30.1	31.0	30.3	29.3	27.7	25.8
Port Crescent, Wash.	4.1	3.5	3.5	3.0	2.7	2.7	2.8	2.9	2.5	2.6	2.9	4.6	6.0	6.4	6.7	6.9	6.8	6.7	6.3	6.3	6.2	6.8	5.4	4.4	4.7
Port Huron, Mich.	9.5	9.6	9.4	9.8	9.4	9.4	10.2	9.9	10.6	11.1	12.2	12.2	12.8	13.4	12.9	11.5	10.7	9.7	9.4	9.5	9.2	9.0	10.4		
Portland, Me.	6.0	5.5	5.5	5.1	5.2	5.4	5.9	6.6	7.3	8.4	9.8	10.5	10.7	10.3	10.4	10.1	9.0	8.6	8.4	5.7	6.4	5.8	7.3		
Portland, Oreg.	9.0	8.6	7.9	7.2	6.7	6.0	5.9	6.0	6.8	7.4	7.9	8.2	7.9	8.6	9.5	8.9	9.7	9.1	8.4	8.4	7.5	8.6	7.9		
Pueblo, Colo.	4.5	4.6	4.8	4.0	4.2	4.1	4.1	3.8	4.2	5.4	6.6	7.5	8.1	8.2	8.3	9.2	8.9	9.8	9.5	9.4	9.0	7.0	5.8	6.5	
Raleigh, N. C.	5.5	5.8	5.0	4.6	4.5	4.8	5.5	6.3	6.9	6.7	6.9	6.6	7.2	7.4	8.1	8.2	7.9	7.8	5.9	4.9	5.3	5.6	5.6	6.2	
Rapid City, S. Dak.	5.5	5.5	5.5	6.5	6.4	5.6	5.5	6.2	7.2	7.8	9.7	10.8	11.4	11.5	11.7	11.4	11.3	10.5	10.8	9.2	7.4	6.0	6.4	6.6	
Red Bluff, Cal.	5.3	5.2	5.1	5.0	4.5	4.4	4.5	4.3	4.0	4.5	6.6	7.4	7.8	7.5	7.1	7.2	6.8	6.6	6.6	6.2	5.7	5.9			
Richmond, Va.	5.6	6.0	5.7	5.6	5.0	5.4	5.8	6.6	7.5	7.8	7.8	8.0	8.6	9.2	9.8	9.7	9.7	9.1	8.4	8.4	5.9	6.3	5.8	6.9	
Rochester, N. Y.	6.0	5.8	5.7	5.6	5.8	5.8	6.2	7.3	7.9	8.4	9.4	9.3	10.5	10.2	10.8	10.8	10.6	9.8	7.9	6.7	5.8	5.7	5.8	7.6	
Roseburg, Oreg.	2.4	2.2	1.7	1.4	1.9	1.7	1.8	1.7	1.9	1.8	2.5	2.3	3.9	4.6	5.5	6.0	5.9	6.2	6.5	6.5	6.7	6.3	4.8	3.8	
Sacramento, Cal.	7.6	7.1	7.3	6.8	7.0	6.7	6.6	6.0	5.8	5.3	6.0	7.1	8.2	8.1	8.2	8.1	8.4	9.3	9.8	9.6	9.2	8.5	7.6		
St. Louis, Mo.	8.1	8.1	7.6	7.2	7.0	6.6	7.0	7.2	7.7	9.2	9.4	9.7	10.4	10.6	10.8	10.4	10.6	10.4	9.5	8.5	8.1	8.0	8.2	8.6	
St. Paul, Minn.	4.8	4.8	5.1	4.5	4.5	4.5	4.9	5.7	6.4	7.5	8.0	8.6	9.2	9.8	10.0	10.4	9.9	9.8	8.6	7.5	7.0	5.1	4.7	6.9	
Salt Lake City, Utah.	4.9	4.8	4.5	4.2	3.7	3.7	3.9	4.4	3.8	3.8	4.7	6.5	8.3	10.3	10.3	11.1	11.5	10.9	9.9	8.9	6.8	6.3	5.0	6.8	
San Antonio, Tex.	5.8	5.3	5.0	4.7	4.9	5.5	4.7	5.3	5.6	6.8	7.5	7.4	8.2	8.4	8.6	8.4	8.3	8.1	8.0	7.4	6.9	7.1	7.0	6.7	
San Diego, Cal.	4.2	4.1	4.1	4.4	4.3	4.0	4.0	4.0	3.7	3.5	4.6	6.1	7.6	8.7	9.6	9.4	9.8	10.2	9.3	9.3	8.8	7.1	5.6	4.5	
Sandusky, Ohio.	8.0	7.7	7.6	7.4	7.6	7.9	7.3	7.7	8.5	9.0	9.2	9.3	9.9	9.7	9.6	8.8	8.5	7.7	6.6	6.1	6.7	7.6	8.1		
San Francisco, Calif.	11.2	9.2	8.4	8.0	6.7	5.8	6.2	5.4	5.1	6.5	7.3	8.2	11.0	14.3	17.2	19.7	20.4	21.1	20.8	19.8	18.4	16.1	13.5	12.1	
San Luis Obispo, Cal.	3.1	2.6	3.2	4.1	4.4	4.4	4.3	4.8	5.3	5.4	6.1	6.5	6.7	7.3	8.4	9.1	9.5	9.7	9.0	9.0	8.3	6.2	4.9	4.0	
Santa Fe, N. Mex.	6.6	6.1	5.2	4.6	4.3	4.0	3.7	4.0	5.5	5.6	7.0	9.1	9.5	9.9	11.2	10.7	10.4	9.7	8.4	7.2	6.1	6.6	7.0		
Sault Ste. Marie, Mich.	4.5	4.2	4.5	4.6	4.6	4.3	4.0	5.6	7.0	8.1	10.1	10.9	12.0	13.9	14.7	14.9	14.7	13.7	11.4	9.3	7.5	6.2	5.7	8.4	
Savannah, Ga.	5.4	5.5	5.7	5.3	5.5	5.4	5.7	7.4	8.1	8.1	8.4	8.8	9.3	10.3	10.5	10.4	10.5	10.4	8.0	6.3	6.1	5.7	5.5	7.4	
Seattle, Wash.	6.4	5.5	5.1	4.9	5.8	5.3	4.7	4.8	4.3	4.7	6.8	5.1	5.8	6.0	6.4	6.2	6.6	6.6	7.1	6.9	6.6	6.7	5.8		
Shreveport, La.	5.8	5.8	4.6	4.8	4.8	4.7	5.0	6.4	7.4	7.5	6.9	7.6	7.4	7.7	7.6	7.9	8.2	7.9	6.8	5.1	5.5	5.5	6.1	6.3	
Sioux City, Iowa.	10.7	10.3	8.9	9.5	9.4	9.5	10.4	10.2	10.3	11.4	12.9	14.2	14.7	15.5	15.9	15.5	15.1	14.5	13.5	11.7	12.2	11.1	10.8	12.2	
Spokane, Wash.	5.4	4.9	3.8	4.4	4.4	4.6	5.5	6.4	6.5	6.4	7.0	7.6	7.7	8.2	9.0	8.7	9.2	8.7	8.2	7.4	6.1	5.8	5.5	6.6	
Springfield, Ill.	7.4	7.1	7.5	7.1	6.7	6.3	6.4	7.5	7.6	7.7	8.6	9.0	10.2	11.4	10.8	10.8	10.3	10.1	9.7	7.8	6.8	7.2	7.0	8.2	
Springfield, Mo.	7.9	7.9	7.9	8.2	8.7	8.4	8.0	8.3	9.1	10.7	10.9	11.3	11.7	11.1	11.4	11.1	11.5	9.9	8.6	7.4	7.4	7.8	8.5	9.2	
Tacoma, Wash.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Tampa, Fla.	5.5	5.4	5.6	5.4	5.1	5.5	7.5	8.4	9.0	8.8	8.2	8.7	9.4	9.0	9.5	9.1	9.1	8.3	8.6	5.8	5.7	5.7	7.2		
Toledo, Ohio.	8.0	8.0	7.5	8.1	8.3	8.8	8.5	9.3	10.0	11.1	11.4	12.6	13.0	12.8	13.1	11.9	10.5	9.4	8.9	8.8	8.0	8.2	8.1	9.7	
Valentine, Nebr.	6.2	5.5	5.1	5.5	5.8	5.3	5.4	5.8	6.2	6.8	6.1	6.6	7.3	7.3	7.2	7.5	7.7	7.1	6.5	5.5	5.2	5.7	6.2		
Vicksburg, Miss.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Vineyard Haven, Mass.	8.2	8.0</td																							

TABLE VI.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of May, 1900.

Stations.	Component direction from—				Resultant.		Stations.	Component direction from—				Resultant.	
	N.	S.	E.	W.	Direction from—	Dura-		N.	S.	E.	W.	Direction from—	Dura-
<i>New England.</i>					°	Hours.						°	Hours.
Eastport, Me.	16	14	14	29	n. 82 w.	15	St. Paul, Minn.	18	20	21	18	s. 56 e.	4
Portland, Me.	21	15	14	25	n. 61 w.	12	La Crosse, Wis. †	11	14	4	6	s. 34 w.	4
Northfield, Vt.	26	29	8	11	s. 45 w.	4	Davenport, Iowa	18	16	22	22	n.	2
Boston, Mass.	19	12	17	26	n. 52 w.	11	Des Moines, Iowa	18	17	23	18	n. 79 e.	5
Nantucket, Mass.	16	21	12	29	s. 74 w.	18	Dubuque, Iowa	21	22	16	16	s.	1
Woods Hole, Mass.	19	20	12	27	s. 86 w.	15	Keokuk, Iowa	17	24	18	18	s.	7
Block Island, R. I.	11	19	15	34	s. 67 w.	21	Cairo, Ill.	23	28	13	11	s. 23 e.	5
New Haven, Conn.	22	20	13	23	n. 79 w.	10	Springfield, Ill.	16	26	13	20	s. 35 w.	12
<i>Middle Atlantic States.</i>					°	Hours.	Hanibal, Mo. †	9	11	9	10	s. 27 w.	2
Albany, N. Y.	16	25	7	21	s. 57 w.	17	St. Louis, Mo.	19	26	12	12	s.	7
Binghamton, N. Y. †	14	7	4	75	n. 58 w.	13	Columbia, Mo. *	10	12	7	8	s. 27 w.	2
New York, N. Y.	18	19	15	24	s. 84 w.	9	Kansas City, Mo.	20	27	17	13	s. 30 e.	8
Harrisburg, Pa. †	9	7	8	14	n. 72 w.	6	Springfield, Mo.	13	30	19	13	s. 19 e.	18
Philadelphia, Pa.	15	25	14	22	s. 39 w.	13	Lincoln, Nebr.	16	32	18	7	s. 84 e.	19
Atlantic City, N. J.	16	23	18	24	s. 54 w.	13	Omaha, Nebr.	18	21	27	13	s. 78 e.	14
Cape May, N. J.	18	23	14	19	s. 45 w.	7	Valentine, Nebr.	22	24	13	24	s. 80 w.	11
Baltimore, Md.	13	19	18	23	s. 34 w.	7	Sioux City, Iowa †	11	13	12	4	s. 76 e.	8
Washington, D. C.	18	23	18	18	s.	5	Pierre, S. Dak.	13	25	25	15	s. 40 e.	16
Lynchburg, Va.	17	23	16	20	s. 34 w.	7	Huron, S. Dak.	17	22	23	11	s. 74 e.	18
Norfolk, Va.	14	31	20	12	s. 25 e.	19	Yankton, S. Dak. †	9	8	10	11	n. 45 w.	1
Richmond, Va.	20	28	11	14	s. 21 w.	8	<i>Northern Slope.</i>						
<i>South Atlantic States.</i>					°	Hours.	Havre, Mont.	14	18	11	36	s. 81 w.	23
Charlotte, N. C.	15	32	12	19	s. 22 w.	18	Miles City, Mont.	17	21	9	23	s. 74 w.	15
Hatteras, N. C.	18	27	15	21	s. 24 w.	11	Helema, Mont.	8	31	6	36	s. 53 w.	38
Kittyhawk, N. C.	7	8	12	10	s. 63 e.	2	Kalispell, Mont.	15	19	15	30	s. 75 w.	16
Raleigh, N. C.	20	26	9	23	s. 72 w.	20	Rapid City, S. Dak.	14	17	21	25	s. 53 w.	5
Wilmington, N. C.	16	22	10	26	s. 69 w.	17	Cheyenne, Wyo.	20	21	10	25	s. 86 w.	15
Charleston, S. C.	13	29	19	14	s. 17 e.	17	Lander, Wyo.	16	25	15	26	s. 51 w.	14
Augusta, Ga.	13	31	13	16	s. 9 w.	18	North Platte, Nebr.	18	28	17	15	s. 11 e.	10
Savannah, Ga.	11	25	18	19	s. 4 w.	14	<i>Middle Slope.</i>						
Jacksonville, Fla.	7	22	25	10	s. 45 e.	21	Denver, Colo.	13	31	18	18	s. 16 w.	19
<i>Florida Peninsula.</i>					°	Hours.	Pueblo, Colo.	21	19	20	21	n. 27 w.	2
Jupiter, Fla.	12	17	30	13	s. 74 e.	18	Concordia, Kans.	17	27	21	9	s. 50 e.	16
Key West, Fla.	17	10	37	10	n. 75 e.	28	Dodge, Kans.	26	24	18	8	n. 79 e.	10
Tampa, Fla.	19	9	27	23	n. 27 e.	11	Wichita, Kans.	21	28	16	8	s. 49 e.	11
<i>Eastern Gulf States.</i>					°	Hours.	Oklahoma, Okla.	17	32	13	8	s. 18 e.	16
Atlanta, Ga.	18	27	13	25	s. 39 w.	19	<i>Southern Slope.</i>						
Macon, Ga. †	8	14	8	9	s. 9 w.	6	Abilene, Tex.	20	24	24	10	s. 74 e.	15
Pensacola, Fla. †	12	6	14	8	n. 45 e.	8	Amarillo, Tex.	14	29	18	14	s. 18 e.	16
Mobile, Ala.	22	25	18	8	s. 73 e.	10	<i>Southern Plateau.</i>						
Montgomery, Ala.	11	26	23	16	s. 25 e.	17	El Paso, Tex.	17	7	25	26	n. 6 w.	10
Meridian, Miss. †	9	13	9	10	s. 14 w.	4	Santa Fe, N. Mex.	12	29	24	12	s. 35 e.	21
Vicksburg, Miss.	17	27	24	8	s. 58 e.	19	Flagstaff, Ariz.	18	22	4	34	s. 82 w.	30
New Orleans, La.	13	27	29	14	s. 45 e.	21	Phoenix, Ariz.	21	7	15	35	s. 55 w.	21
<i>Western Gulf States.</i>					°	Hours.	Yuma, Ariz.	16	19	11	33	s. 82 w.	22
Shreveport, La.	16	26	20	12	s. 39 e.	13	Independence, Calif.	23	20	14	25	n. 75 w.	11
Fort Smith, Ark.	14	19	27	10	s. 74 e.	18	<i>Middle Plateau.</i>						
Little Rock, Ark.	19	24	18	22	s. 34 w.	7	Carson City, Nev.	18	15	6	37	n. 84 w.	31
Corpus Christi, Tex.	18	30	32	7	s. 56 e.	30	Winnebucca, Nev.	17	18	15	23	s. 83 w.	8
Fort Worth, Tex. †	11	10	3	14	n. 85 w.	11	Cedar City, Utah.	12	32	18	16	s. 6 e.	20
Galveston, Tex. †	8	30	24	11	s. 30 e.	26	Salt Lake City, Utah.	25	17	23	13	n. 51 e.	13
Pearl River, Tex.	19	33	13	9	s. 16 e.	15	Grand Junction, Colo.	19	17	24	19	s. 68 e.	5
San Antonio, Tex.	23	17	36	5	n. 79 e.	32	<i>Northern Plateau.</i>						
<i>Ohio Valley and Tennessee.</i>					°	Hours.	Baker City, Oreg.	20	28	15	13	s. 14 e.	8
Chattanooga, Tenn.	14	27	15	22	s. 28 w.	15	Boise, Idaho.	18	19	16	25	s. 84 w.	9
Knoxville, Tenn.	20	19	11	28	n. 87 w.	7	Pocatello, Idaho.	6	33	12	24	s. 24 w.	30
Memphis, Tenn.	16	28	17	14	s. 14 e.	12	Spokane, Wash.	8	33	15	18	s. 7 w.	25
Nashville, Tenn.	15	24	17	20	s. 18 w.	10	Walla Walla, Wash.	11	33	15	13	s. 5 e.	22
Lexington, Ky. †	6	16	11	5	s. 31 e.	12	<i>North Pacific Coast Region.</i>						
Louisville, Ky.	29	24	12	18	s. 56 w.	7	Neah Bay, Wash.	8	15	16	30	s. 63 w.	16
Evansville, Ind. †	11	18	9	6	s. 56 e.	4	Port Crescent, Wash. †	2	6	6	22	s. 76 w.	13
Indianapolis, Ind.	19	27	8	23	s. 62 w.	17	Seattle, Wash.	11	24	19	18	s. 4 e.	13
Cincinnati, Ohio.	18	28	15	21	s. 31 w.	12	Tacoma, Wash.	18	24	5	30	s. 77 w.	26
Columbus, Ohio.	12	25	11	24	s. 45 w.	18	Astoria, Oreg.	14	28	6	30	s. 80 w.	28
Pittsburg, Pa.	23	10	9	32	n. 61 w.	26	Portland, Oreg.	18	23	13	23	s. 63 w.	11
Parkersburg, W. Va.	14	28	11	20	s. 33 w.	18	Roseburg, Oreg.	31	18	15	18	s. 9 w.	18
Elkins, W. Va.	29	19	6	19	n. 53 w.	16	<i>Middle Pacific Coast Region.</i>						
<i>Lower Lake Region.</i>					°	Hours.	Eureka, Cal.	30	12	7	24	n. 43 w.	25
Buffalo, N. Y.	14	21	14	26	s. 60 w.	14	Mount Tamalpais, Cal.	18	8	4	45	n. 76 w.	42
Oswego, N. Y.	13	28	17	20	s. 11 w.	15	Red Bluff, Cal.	30	19	18	7	n. 45 e.	16
Rochester, N. Y.	16	21	14	29	s. 72 w.	16	Sacramento, Cal.	9	40	17	16	s. 2 e.	31
Erie, Pa.	17	19	10	27	n. 88 w.	17	San Francisco, Cal.	4	11	3	53	s. 82 w.	50
Cleveland, Ohio.	19	24	17	17	s.	5	<i>South Pacific Coast Region.</i>						
Sandusky, Ohio.	15	20	22	22	s.	5	Fresno, Cal.	35	6	6	37	n. 47 w.	42
Toledo, Ohio.	16	17	17	26	s. 84 w.	9	Los Angeles, Cal.	6	22	15	33	s. 48 w.	24
Detroit, Mich.	20	18	19	23	n. 63 w.	4	San Diego, Cal.	23	17	7	30	n. 75 w.	24
<i>Upper Lake Region.</i>					°	Hours.	San Luis Obispo, Cal.	23	10	1	29	n. 65 w.	31
Alpena, Mich.	24	19	20	17	n. 31 e.	6	<i>West Indies.</i>						
Escanaba, Mich.	28	20	12	15	n. 21 w.	8	Basseterre, St. Kitts Island.						
Grand Haven, Mich.	18	18	16	23	w.	7	Bridgetown, Barbados.	1	4	81	0	s. 87 e.	60
Marquette, Mich.	26	16	11	26	n. 56 w.	18	Cienfuegos, Cuba.	25	14	34	4	n. 65 e.	33
Port Huron, Mich.	25	21	13	14	n. 14 w.	4	Havana, Cuba.	13	10	46	4	n. 86 e.	42
Sault Ste. Marie, Mich.	12	13	23	27	s. 76 w.	4	Kingston, Jamaica.	31	11	30	5	n. 51 e.	32
Chicago, Ill.	24	21	22	16	n. 63 e.	7	Port of Spain, Trinidad.	8	6	54	3	s. 87 e.	51
Milwaukee, Wis.	23	14	22	17	n. 29 e.	10	Puerto Principe, Cuba.	16	21	33	5	s. 80 e.	28
Green Bay, Wis.	25	18	18	8	s. 55 e.	12	Rosario, Dominica, W. I.						
Duluth, Minn. †	32	12	24	15	n. 24 e.	22	San Juan, Puerto Rico.	1	19	53	0	s. 72 e.	57
<i>North Dakota.</i>					°	Hours.	Santiago de Cuba, Cuba.	20	27	16	14	s. 16 e.	7
Moorhead, Minn.	17	25	26	14	s. 56 e.	14	Santo Domingo, S. Domingo, W. I.	28	15	30	1	n. 86 e.	32
Bismarck, N. Dak.	14	18	29	12	s. 77 e.	18	Willemstad, Curaçao.	3	4	60	0	s. 88 e.	80
Williston, N. Dak.	19	23	17	15	s. 27 e.	4							

* From observations at 8 p. m. only.

† From observations at 8 a. m. only.

TABLE VII.—*Thunderstorms and auroras, May, 1900.*

States.	No. of stations.	Total.																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No.	Days.			
Alabama.....	52	T.	1	2	2	8	2	4	8	2	8	2	7	1	2	2	3	89	15	T.					
Arizona.....	56	T.	.....	.....	8	1	.....	.....	7	.....	.....	1	.....	.....	.....	1	9	.....	.....	.....	2	.....	.....	1	30	8	G.
Arkansas.....	57	T.	1	8	2	6	4	11	18	3	1	8	3	1	1	1	1	3	5	11	11	8	7	114	21	T.						
California.....	167	T.	.....	5	1	7	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	16	6	T.	
Colorado.....	81	T.	4	4	2	3	17	4	8	3	6	3	8	4	5	3	7	6	1	5	11	4	2	7	10	6	5	183	27	T.					
Connecticut.....	21	T.	8	1	9	6	1	1	8	2	7	2	4	7	56	12	T.							
Delaware.....	5	T.	2	1	1	1	1	1	1	5	4	0	0	A.						
Dist. of Columbia	4	T.	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	3	3	T.
Florida.....	47	T.	14	2	2	6	2	4	1	2	8	7	7	11	8	2	1	1	77	15	T.								
Georgia.....	55	T.	5	4	3	2	1	1	2	1	4	1	8	1	2	29	13	A.								
Idaho.....	34	T.	7	4	1	6	7	1	.....	2	4	4	3	1	3	3	.....	1	5	1	.....	1	.....	1	55	18	T.						
Illinois.....	93	T.	16	8	6	23	40	28	1	11	7	6	17	10	4	1	2	4	20	30	25	29	14	297	21	T.								
Indiana.....	58	T.	5	.....	8	13	.....	2	.....	.....	.....	.....	.....	8	6	2	.....	.....	7	5	4	.....	10	4	69	12	T.
Indian Territory.	11	T.	1	4	1	.....	3	4	8	2	.....	1	1	2	1	.....	1	7	4	6	1	2	1	45	18	T.								
Iowa.....	149	T.	7	25	28	4	5	1	8	28	5	1	1	1	3	1	4	6	4	12	11	14	11	173	21	T.								
Kansas.....	77	T.	1	3	3	1	15	17	1	1	10	10	6	4	4	2	3	6	1	11	19	0	5	3	10	8	188	25	T.						
Kentucky.....	41	T.	8	1	2	1	8	1	8	1	2	3	1	1	2	11	11	10	8	69	17	A.									
Louisiana.....	46	T.	1	2	1	1	9	3	1	6	9	1	5	4	6	3	1	1	6	12	15	11	98	20	T.								
Maine.....	19	T.	.....	2	1	.....	.....	.....	6	6	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	17	6	T.	
Maryland.....	48	T.	1	24	.....	.....	1	9	3	.....	.....	1	5	6	1	.....	.....	.....	3	.....	1	7	62	12	T.				
Massachusetts....	48	T.	.....	10	1	1	.....	10	2	.....	.....	21	1	12	1	18	1	.....	1	1	.....	75	13	T.							
Michigan.....	106	T.	2	16	16	1	10	17	3	10	6	5	1	2	1	1	4	4	13	8	7	8	185	22	T.									
Minnesota.....	67	T.	.....	1	.....	4	.....	2	3	1	9	5	1	1	.....	4	8	1	8	6	2	4	58	14	T.								
Mississippi.....	44	T.	2	1	2	1	1	1	9	.....	.....	5	8	4	4	.....	3	2	.....	3	4	7	5	3	65	2	A.						
Missouri.....	95	T.	22	1	11	15	23	30	7	1	6	10	19	21	7	4	1	1	2	8	18	23	18	19	6	270	24	T.								
Montana.....	40	T.	1	1	2	7	2	1	6	5	8	7	1	1	6	1	3	2	8	1	3	6	2	3	2	80	23	T.							
Nebraska.....	142	T.	1	1	2	20	20	18	1	2	1	2	18	1	1	4	6	2	2	1	16	3	9	5	1	9	20	24	185	26	T.						
Nevada.....	40	T.	.....	2	1	.....	1	1	2	.....	2	.....	2	.....	2	.....	2	.....	1	.....	1	13	9	0	A.				
New Hampshire.....	19	T.	1	3	2	7	8	2	5	3	81	8	T.									
New Jersey.....	51	T.	18	.....	.....	14	4	.....	1	2	1	9	3	6	18	1	4	6	.....	.....	.....	.....	.....	12	99	14	T.		
New Mexico.....	31	T.	1	.....	1	2	.....	4	3	1	.....	1	.....	1	3	2	1	2	6	3	1	2	42	0	20	A.							
New York.....	99	T.	4	2	29	4	2	4	10	2	23	10	1	7	10	4	4	9	4	1	130	18	A.									
North Carolina.....	56	T.	5	16	1	3	3	.....	2	18	.....	.....	7	14	2	1	1	3	.....	.....	.....	.....	.....	78	18	T.			
North Dakota.....	48	T.	.....	.....	3	.....	.....	.....	2	.....	1	.....	1	2	1	1	1	.....	1	5	5	5	22	10	T.				
Ohio.....	128	T.	1	.....	6	41	.....	3	16	.....	.....	7	17	2	.....	7	1	29	11	13	23	6	182	14	T.							
Oklahoma.....	23	T.	4	4	.....	1	4	.....	5	.....	1	.....	1	2	3	1	6	6	6	.....	44	13	T.									
Oregon.....	74	T.	6	4	2	1	2	2	7	7	.....	4	1	.....	2	1	1	.....	39	12	T.													
Pennsylvania.....	91	T.	12	1	.....	26	6	2	5	4	2	4	2	8	7	8	.....	5	8	1	8	1	5	118	20	A.									
Rhode Island.....	7	T.	1	.....	1	1	1	1	1	.....	2	.....	1	.....	2	.....	9	7	0	A.												
South Carolina.....	46	T.	5	6	5	1	.....	2	10	.....	.....	5	18	1	1	.....	2	5	2	.....	58	18	T.									
South Dakota.....	56	T.	.....	1	2	6	4	.....	3	3	1	1	1	1	1	.....	1	8	3	1	1	13	3	18	66	18	T.							
Tennessee.....	56	T.	5	7	1	2	.....	10	1	.....	1	.....	5	7	2	.....	3	1	4	1	7	7	4	71	17	T.							
Texas.....	95	T.	2	8	7	1	15	10	1	1	11	13	4	1	3	6	5	7	6	2	1	2	4	7	2	5	8	5	137	26	T.				
Utah.....	47	T.	4	8	.....	4	1	.....	4	4	.....	1	2	1	1	1	2	1	3	2	1	2	1	1	30	12	T.							
Vermont.....	16	T.	5	.....	1	1	.....	1	.....	1	3	7	7	1	6	2	.....	1	.....	1	2	37	0	0	A.							
Virginia.....	50	T.	2	4	2	8	3	1	1	15	4	1	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	A.		
Washington.....	64	T.	1	6	5	3	4	1	1	8	1	1	4	2	.....	1	7	7	1	1	1	1	3	58	20	T.										
West Virginia.....	43	T.	2	1	.....	7	.....	.....	1	.....	1	4	2	.....	4	1	.....	.....	5	3	2	2	9	0	T.					
Wisconsin.....	60	T.	.....	.....	10	8	.....	8	6	6	2	7	2	2	1	.....	1	11	10	3	8	1	.....	82	0	0	A.					
Wyoming.....	31	T.	1	.....	1	4	2	.....	.....	1	3	1	1	2	1	2	4	.....	8	1	1	2	1	1	80	16	T.						
Sums	2,893	T.	55	130	157	62	111	170	225	300	108	57	64	87	48	143	197	84	161	204	87	67	78	50	98	81	83	89	152	215	184	217	171	3,855	T.		
		A.	5	1	0	5	2	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	A.

TABLE VIII.—Average hourly sunshine (in percentages), May, 1900.

Stations.	Instrument.	Percentages for each hour of local mean time ending with the respective hour.																Hours of sunshine.		Personal estimate.	
		A. M.								P. M.								Total.			
		5	6	7	8	9	10	11	Noon	1	2	3	4	5	6	7	8	Actual.	Possible.		
Albany, N. Y.	T.	19	29	54	71	80	89	88	91	93	91	88	87	76	67	42	25	326.9	454.9	49	
Atlanta, Ga.	T.	50	63	71	75	82	89	94	91	91	87	86	82	81	71	39	12	340.8	432.6	58	
Atlantic City, N. J.	T.	39	45	46	55	76	77	83	86	85	83	71	65	51	53	45	31	288.9	413.8	53	
Baltimore, Md.	T.	33	48	49	56	57	74	79	78	76	71	68	54	39	30	23	22	251.9	443.8	57	
Binghamton, N. Y.	T.	17	19	31	55	70	82	87	87	77	71	72	62	56	45	19	14	261.5	451.9	58	
Bismarck, N. Dak.	P.	58	62	65	73	75	74	78	77	64	88	86	84	82	73	55	44	337.9	467.4	63	
Boise, Idaho.	P.	47	45	52	65	72	75	81	85	71	71	71	59	53	50	53	50	298.9	457.9	65	
Boston, Mass.	T.	34	36	39	42	59	62	65	68	68	64	62	54	47	41	27	18	232.2	451.9	51	
Buffalo, N. Y.	T.	16	31	52	66	81	85	92	96	94	91	87	85	85	58	31	15	323.4	454.9	71	
Cedar City, Utah.	T.	76	61	66	80	89	94	95	92	91	93	85	89	78	69	62	86	384.7	441.7	83	
Charleston, S. C.	T.	33	51	53	62	55	63	74	79	78	75	72	65	60	55	54	40	279.1	430.7	65	
Chattanooga, Tenn.	T.	59	58	48	62	78	78	87	86	87	83	80	77	70	61	58	25	313.6	484.2	56	
Cheyenne, Wyo.	P.	63	57	68	80	80	81	77	67	74	77	78	65	58	60	43	36	307.6	449.1	68	
Chicago, Ill.	T.	41	45	47	59	64	68	72	74	73	70	67	57	45	38	20	26	254.0	451.9	56	
Cincinnati, Ohio.	T.	52	53	56	62	74	81	82	85	89	91	87	82	78	65	49	25	322.9	419.8	73	
Cleveland, Ohio.	T.	24	33	39	50	60	64	65	70	72	77	75	59	47	23	13	12	235.7	451.9	49	
Columbia, Mo.	T.	61	56	61	66	72	76	85	85	83	79	81	78	72	63	49	39	319.2	443.8	73	
Columbus, Ohio.	T.	30	35	37	50	65	71	78	87	80	86	85	74	65	53	39	32	267.6	446.7	60	
Denver, Colo.	P.	60	62	74	78	84	85	85	79	79	82	84	80	60	50	45	40	318.8	446.7	71	
Des Moines, Iowa.	T.	32	37	53	55	63	72	77	81	86	80	74	70	57	34	33	17	274.6	451.9	61	
Detroit, Mich.	T.	21	19	29	54	56	65	75	85	81	78	69	62	58	35	19	14	246.5	451.9	55	
Dodge, Kans.	P.	34	49	67	70	78	73	75	86	59	63	60	61	60	38	21	273.7	441.7	62		
Dubuque, Iowa.	T.	47	48	52	55	67	73	74	78	80	79	74	59	53	55	58	290.1	451.9	64		
Eastport, Me.	P.	36	37	43	48	58	64	63	64	60	56	55	52	51	38	22	20	232.7	460.7	51	
Elkins, W. Va.	T.	17	26	50	74	80	84	87	87	86	81	81	78	69	58	38	33	307.1	443.8	69	
Erie, Pa.	T.	26	28	28	52	65	67	74	75	75	78	73	68	57	29	17	12	247.2	451.9	55	
Escanaba, Mich.	T.	16	16	16	25	37	47	45	50	46	45	48	40	35	11	8	8	145.8	464.1	81	
Eureka, Cal.	P.	28	24	30	50	50	48	59	64	58	60	61	56	51	45	33	48	223.6	449.1	50	
Fresno, Cal.	T.	78	58	61	75	80	86	91	89	92	86	78	79	67	59	70	287.9	430.0	77		
Galveston, Tex.	P.	31	45	51	61	70	72	74	65	71	76	75	74	72	67	41	272.5	421.8	65		
Grand Junction, Colo.	P.	89	76	77	79	88	89	90	89	87	86	83	86	84	73	62	29	17	319.5	446.7	73
Harrisburg, Pa.	T.	35	48	59	72	78	83	84	91	88	83	86	86	84	73	62	39	10	247.5	467.4	51
Helena, Mont.	P.	21	39	61	70	65	60	61	51	55	57	56	58	55	45	36	34	247.5	467.4	58	
Huron, S. Dak.	T.	72	65	69	73	78	87	88	93	91	91	88	88	88	70	71	70	370.1	457.9	81	
Indianapolis, Ind.	T.	56	61	59	68	69	71	79	78	77	75	70	65	55	42	45	35	289.7	446.7	65	
Jacksonville, Fla.	T.	0	44	45	58	69	75	81	81	77	74	75	67	49	47	51	275.1	423.7	65		
Jupiter, Fla.	T.	34	44	54	59	67	66	70	74	70	74	70	63	51	45	28	23	227.5	418.0	54	
Kalispell, Mont.	T.	24	27	48	54	67	65	68	72	66	66	67	60	40	35	10	65	236.4	471.8	52	
Kansas City, Mo.	P.	48	47	50	49	56	65	65	60	60	62	58	57	64	54	47	36	250.5	443.8	56	
Knoxville, Tenn.	T.	50	55	56	66	73	81	84	79	86	86	84	77	65	57	48	29	310.7	436.7	71	
Lexington, Ky.	T.	19	25	28	58	69	76	79	85	88	92	85	85	75	74	55	32	297.6	441.7	67	
Little Rock, Ark.	T.	37	45	51	61	66	77	79	89	85	83	82	86	64	51	39	50	291.1	434.2	67	
Los Angeles, Cal.	P.	92	39	45	48	67	82	79	78	80	82	84	80	70	73	30	21	307.8	432.6	71	
Louisville, Ky.	T.	38	45	45	47	55	65	74	70	72	70	65	58	43	33	21	21	242.3	441.7	55	
Macon, Ga.	T.	40	61	75	81	89	97	93	93	94	93	94	98	87	73	58	10	364.1	430.7	85	
Meridian, Miss.	T.	32	47	49	57	77	86	87	88	83	74	73	70	60	46	45	0	299.1	428.4	59	
Mount Tamalpais, Cal.	P.	88	68	67	71	70	73	71	69	72	75	77	71	60	46	45	25	322.2	441.7	73	
Nashville, Tenn.	T.	50	52	55	65	75	76	78	88	91	91	88	88	84	83	65	52	38	297.7	436.7	70
New Haven, Conn.	T.	44	46	57	68	77	75	82	86	86	87	87	87	82	70	70	22	287.3	449.1	63	
New Orleans, La.	T.	60	57	55	65	76	75	84	81	81	77	75	71	65	60	59	31	249.7	423.7	56	
New York, N. Y.	T.	46	52	61	65	70	77	78	73	73	70	65	66	61	57	36	26	289.8	449.1	65	
Norfolk, Va.	T.	43	39	39	53	74	83	83	85	81	79	70	66	64	57	55	35	289.9	439.0	66	
Northfield, Vt.	P.	38	36	38	44	48	51	56	56	60	60	62	57	52	39	30	31	220.5	457.9	48	
Oklahoma, Okla.	T.	37	42	45	61	70	71	74	80	78	77	77	73	61	51	33	25	277.4	434.2	64	
Omaha, Nebr.	T.	29	30	51	67	78	86	88	87	89	77	71	70	65	57	33	27	287.1	449.1	64	
Parkersburg, W. Va.	T.	35	35	40	54	63	68	74	70	75	78	73	59	43	26	13	8	241.7	443.8	52	
Phenix, Ariz.	P.	73	77	92	97	97	96	96	98	98	99	95	97	95	86	82	100	399.9	430.7	93	
Philadelphia, Pa.	T.	54	53	59	63	69	69	71	70	70	77	78	67	62	61	51	35	291.3	446.7	65	
Pittsburg, Pa.	T.	31	35	31	43	43	56	65	68	69	73	66	68	56	52	31	28	234.0	449.1	53	
Pocatello, Idaho.	T.	49	45	58	65	73	80	86	89	86	84	81	73	71	66	58	69	326.9	454.9	73	
Portland, Me.	T.	1	12	39	59	64	62	70	70	66	62	67	58	55	40	38	15	234.7	457.9	51	
Portland, Oreg.	T.	5	8	15	25	35	45	47	53	61	54	40	44	32	9	11	146.4	464.1	82		
Pueblo, Colo.	T.	66	59	71	88	98	96	97	98	94	93	90	82	82	64	43	30	54	434.4	441.7	61
Raleigh, N. C.	T.	61	61	60	68	75	85	91	92	93	99	88	79	71	59	52	37	335.1	436.7	77	
Rochester, N. Y.	T.	43	42	45	55	62	70	74	76	73	74	71	70	54	35	9	10	257.7	454.9	57	
St. Louis, Mo.	T.	38	46	52																	

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during May, 1900, at all stations furnished with self-registering gauges.

Stations.	Date.	Total duration.		Total amt. of precipi- tation.	Excessive rate.		Amount be- fore exces- sive began.	Depths of precipitation (in inches) during periods of time indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Albany, N. Y.	19	8	3	4	0.79	5	6	7													0.10
Atlanta, Ga.	18			0.68																	0.66
Atlantic City, N. J.	19			0.77																	0.88
Baltimore, Md.	19			0.52																	0.17
Binghamton, N. Y.	8-9			0.16																	0.11
Bismarck, N. Dak.	31			0.70																	0.42
Boise, Idaho	12			1.22																	0.23
Boston, Mass.	3-4			2.45																	0.54
Buffalo, N. Y.	8-9			0.39																	0.19
Cairo, Ill.	28	3.40 a.m.	7.00 a.m.	0.80	6.14 a.m.	6.39 a.m.	0.26	0.13	0.28	0.43	0.45	0.47									0.21
Charleston, S. C.	18			0.51																	0.33
Chicago, Ill.	7-8			1.25																	0.35
Cincinnati, Ohio	8-9	8.44 p.m.	8.30 a.m.	1.67	8.45 p.m.	9.00 p.m.	T.	0.22	0.48	0.56	0.59	0.65	0.66	0.67	0.68	0.72	0.80				0.35
Cleveland, Ohio	30			0.41																	0.45
Columbia, Mo.	28			0.36																	0.08
Columbus, Ohio	8-9			0.74																	0.11
Denver, Colo.	17-18			0.20																	0.16
Des Moines, Iowa	28	3.50 p.m.	6.35 p.m.	1.40	4.00 p.m.	4.40 p.m.	T.	0.03	0.04	0.05	0.40	0.80	1.16	1.25							0.47
Detroit, Mich.	31			0.93																	*
Dodge, Kans.	25	6.35 p.m.	9.10 p.m.	0.94	6.54 p.m.	7.08 p.m.	0.03	0.40	0.73	0.80											0.26
Duluth, Minn.	13			0.38																	0.37
Eastport, Me.	3			1.23																	0.11
Elkins, W. Va.	9			0.88																	0.16
Erie, Pa.	28-29			0.34																	0.25
Escanaba, Mich.	16			0.69																	*
Evansville, Ind.	8	8.45 p.m.	9.45 p.m.	1.36	8.48 p.m.	9.13 p.m.	0.01	0.33	0.72	0.90	1.03	1.26	1.28								1.52
Do.	30	D. N.	D. N.	1.52	8.55 a.m.	4.40 a.m.	T.	0.13	0.52	0.64	0.88	0.97	1.13	1.28	1.37	1.47	1.56				0.28
Fort Worth, Tex.	26			2.96																	1.75
Fresno, Cal.	10-11			1.80																	*
Galveston, Tex.	8	8.17 a.m.	10.10 a.m.	1.17	8.41 a.m.	9.15 a.m.	0.01	0.28	0.48	0.59	0.70	0.84	0.89	0.94	0.95	0.97	0.99	1.11	1.16		2.06
Do.	22	D. N.	10.20 a.m.	2.37	5.54 a.m.	7.10 a.m.	0.05	0.03	0.10	0.26	0.44	0.61	0.62	0.66	0.90	1.07	1.19				0.01
Grand Junction, Colo.	6			0.02																	0.25
Harrisburg, Pa.	19			0.77																	*
Hatteras, N. C.	19	5.30 p.m.	7.25 p.m.	1.36	{ 5.38 p.m.	5.52 p.m.	0.01	0.44	0.54	0.61											0.35
Huron, S. Dak.	6-7			0.54	{ 6.34 p.m.	6.47 p.m.	0.62	0.39	0.63	0.71											0.29
Indianapolis, Ind.	29	6.17 p.m.	9.53 p.m.	1.22	6.33 p.m.	7.10 p.m.	0.06	0.34	0.52	0.69	0.77	0.84	0.91	1.00	1.04	1.05					*
Jacksonville, Fla.	24	5.20 p.m.	7.05 p.m.	0.89	5.25 p.m.	5.45 p.m.	T.	0.29	0.48	0.67	0.80	0.81									0.46
Jupiter, Fla.	27	2.25 p.m.	7.00 p.m.	0.97	2.50 p.m.	3.20 p.m.	0.01	0.13	0.35	0.52	0.65	0.80	0.87								*
Kalispell, Mont.	12-13			2.64																	0.29
Kansas City, Mo.	15-16			1.92																	*
Key West, Fla.	15	12.10 p.m.	3.00 p.m.	1.17	12.35 p.m.	1.15 p.m.	0.12	0.10	0.20	0.27	0.37	0.44	0.52	0.65	0.69	0.73	0.80				0.91
Knoxville, Tenn.	25	3.30 p.m.	4.35 p.m.	0.92	3.34 p.m.	4.25 p.m.	T.	0.08	0.26	0.40	0.50	0.60	0.66	0.73	0.78	0.82	0.90				0.92
Lexington, Ky.	30-31			0.60																	0.46
Lincoln, Nebr.	26	1.25 a.m.	4.25 a.m.	1.31	2.55 a.m.	3.85 a.m.	0.37	0.07	0.22	0.42	0.53	0.62	0.69	0.76	0.80	0.82					*
Little Rock, Ark.	8	4.04 p.m.	6.50 p.m.	2.43	4.10 p.m.	4.55 p.m.	0.01	0.08	0.87	0.77	0.99	1.15	1.44	1.83	2.03	2.16	2.19				2.22
Do.	29	3.10 p.m.	5.35 p.m.	1.10	4.57 p.m.	5.20 p.m.	0.04	0.49	0.77	0.85	0.90	0.93									0.29
Los Angeles, Cal.	1-5			1.44																	*
Louisville, Ky.	30-31	4.57 p.m.	6.10 p.m.	1.45	5.07 p.m.	5.30 p.m.	T.	0.15	0.53	0.65	0.69	0.75	0.77								0.61
Macon, Ga.	23	1.40 p.m.	2.38 p.m.	1.09	1.55 p.m.	2.17 p.m.	0.01	0.29	0.64	0.88	0.93	1.08									*
Memphis, Tenn.	31	6.10 p.m.	8.45 p.m.	0.70	6.15 p.m.	6.35 p.m.	T.	0.05	0.24	0.45	0.57	0.61	0.63								0.39
Meridian, Miss.	31			0.45																	*
Milwaukee, Wis.	27			0.61																	*
Montgomery, Ala.	23			1.29																	0.59
Nantucket, Mass.	19			0.44																	0.15
Nashville, Tenn.	29			0.57																	0.57
New Orleans, La.	31			1.76																	0.56
New York, N. Y.	19	3.00 a.m.	8.25 p.m.	1.97	8.35 a.m.	9.50 a.m.	0.36	0.05	0.11	0.15	0.16	0.22	0.33	0.50	0.65	0.80	0.90	0.97	1.08		1.05
Norfolk, Va.	24			1.27																	0.45
Northfield, Vt.	18-19			0.50																	0.05
Oklahoma, Okla.	6	1.30 p.m.	2.55 p.m.	1.46	1.35 p.m.	2.50 p.m.	T.	0.06	0.10	0.14	0.31	0.62	0.81	0.82	0.91	1.05	1.06	1.13	1.46		*
Omaha, Nebr.	14	2.25 p.m.	4.20 p.m.	0.82	3.50 p.m.	4.05 p.m.	0.21	0.35	0.55	0.60											0.61
Parkersburg, W. Va.	8-9			1.15																	*
Philadelphia, Pa.	18-19			2.83																	0.47
Pittsburg, Pa.	8-9			0.41																	*
Pocatello, Idaho	12-13			0.39																	0.09
Portland, Me.	3			1.52																	0.26
Portland, Oreg.	4			0.82																	0.59
Pueblo, Colo.	20			0.44																	0.28
Raleigh, N. C.	13			0.70																	0.47
Richmond, Va.	18			0.63																	0.48
St. Louis, Mo.	5-6	11.30 p.m.	4.40 a.m.	2.08	12.05 a.m.	1.00 a.m.	0.14	0.16	0.29	0.30	0.33	0.36	0.42	0.66	0.96	1.11	1.21				1.30
St. Paul, Minn.	13			0.18																	0.30
Salt Lake City, Utah	6			0.29																	0.29
San Diego, Cal.	4-5			1.35																	0.25
Sandusky	27	5.03 p.m.	6.02 p.m.	0.63	5.05 p.m.	5.20 p.m.	0.02	0.15	0.29	0.49	0.52	0.53									*
San Francisco, Cal.	10			0.22																	0.16
Savannah, Ga.	18	3.39 p.m.	6.50 p.m.	0.98	3.50 p.m.	4.10 p.m.	0.03	0.07	0.17	0.45	0.52	0.56	0.59	0.62	0.						

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

Stations.	Date.	Total duration.		Total amt. of precipi- tation.	Excessive rate.*		Amount be- fore exces- sive began.	Depths of precipitation (in inches) during periods of time as indicated.													
		From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Puerto Príncipe, Cuba	1	2 3	4 5	6	7																
Do	4	8.55 p.m.	4.55 p.m.	1.05	4.10 p.m.	4.45 p.m.	0.08	0.20	0.59	0.72	0.74	0.79	0.88	0.95	0.97	.....	.....	.....	.....	.....
Do	14	D. N.	12.05 p.m.	2.01	11.05 a.m.	11.50 a.m.	0.71	0.08	0.24	0.42	0.60	0.90	1.07	1.15	1.25	1.30	.....	.....	.....	.....
Do	15	6.48 p.m.	D. N.	2.33	9.28 p.m.	11.30 p.m.	0.58	0.28	0.52	0.69	0.80	0.88	0.90	0.92	1.01	1.10	1.18	1.25	1.49	1.84	2.09
Roseau, Dominica	17-18	8.14 p.m.	7.07 a.m.	3.03	8.18 p.m.	9.15 p.m.	T.	0.11	0.17	0.30	0.41	0.48	0.74	1.10	1.38	1.54	1.68	1.77	.....	.....
San Juan, Puerto Rico	31	.....	.....	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.48	.....	.....
Santiago de Cuba	2	D. N.	D. N.	2.31	4.05 a.m.	4.55 a.m.	0.46	0.05	0.23	0.43	0.51	0.81	0.98	1.32	1.58	1.72	1.76	1.80	.....	.....	.....
Santo Domingo, S. D.	18	12.02 p.m.	11.35 p.m.	1.16	2 21 p.m.	3.16 p.m.	0.15	0.07	0.21	0.36	0.44	0.57	0.67	0.84	0.94	1.03	1.10	1.17	1.35	1.55	1.74
Do	30	8 40 p.m.	8.40 p.m.	1.08	3.45 p.m.	4.05 p.m.	T.	0.11	0.36	0.59	0.75	0.80	0.83	0.87	.....	.....	.....	.....	.....	.....	.....
Willemstad, Curaçao	26	.....	.....	0.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.08	.....	.....	.....

* Self-register not working. † Estimated.

TABLE X.—*Data furnished by the Canadian Meteorological Service, May, 1900.*

Stations.	Pressure.			Temperature.			Precipitation.			Stations.	Pressure.			Temperature.			Precipitation.					
	Mean not reduced.	Mean reduced.	Departure from normal.	Mean.	Departure from normal.	Mean max. - min. -	Mean min.	Total.	Departure from normal.	Depth of snow.	Mean not reduced.	Mean reduced.	Departure from normal.	Mean max. - min. -	Mean min.	Total.	Departure from normal.	Depth of snow.				
				Mean.	Departure from normal.	Mean max. - min. -	Mean min.	Total.	Departure from normal.	Depth of snow.				Mean max. - min. -	Mean min.	Total.	Departure from normal.	Depth of snow.				
St. Johns, N. F.	In.	In.	In.	0	-12.4	19.9	-1.0	50.1	-33.7	2.19	-1.51	T.	In.	In.	In.	In.	In.	In.	In.			
Sydney, C. B. I.	29.69	29.84	29.88	-0.5	44.4	-0.8	53.6	35.3	3.28	-1.05	0.0	Parry Sound, Ont.	29.25	29.95	-0.01	52.2	+1.1	63.4	41.1	4.28	+0.96	0.0
Hallifax, N. S.	29.88	29.94	29.88	-0.3	47.8	-1.1	57.1	37.6	4.25	-0.47	0.2	Port Arthur, Ont.	29.25	29.95	+0.02	50.8	+4.9	63.2	38.8	0.86	+1.82	0.0
Grand Manan, N. B.	29.88	29.93	29.88	-0.5	47.8	-0.1	54.8	40.8	6.37	-0.84	0.0	Winnipeg, Man.	29.12	29.93	-0.01	57.3	+5.7	74.2	40.4	0.11	-2.71	0.0
Yarmouth, N. S.	29.87	29.95	29.87	-0.3	46.6	-1.0	54.0	39.1	4.73	-0.70	0.1	Minnedosa, Man.	28.14	29.92	+0.03	56.4	+8.0	71.4	41.5	0.16	-1.48	0.0
Charlottet'v., P. E. I.	29.87	29.91	29.87	-0.5	47.2	+0.3	56.0	38.5	2.61	-0.54	0.0	Qu'Appelle, Assin.	27.62	29.83	-0.06	57.7	+7.9	73.2	42.2	0.71	-0.81	0.1
Chatham, N. B.	29.87	29.89	29.87	-0.6	47.0	-1.5	57.9	36.0	8.01	-0.89	0.6	Medicine Hat, Assin.	27.58	29.83	-0.04	58.8	+4.2	73.4	44.3	1.61	+0.46	0.0
Father Point, Que.	29.87	29.90	29.87	-0.5	41.0	-3.0	49.7	32.4	4.25	+0.08	0.0	Swift Current, Assin.	27.34	29.86	-0.04	57.5	+6.8	71.4	43.6	2.49	+1.00	0.0
Quebec, Que.	29.59	29.93	29.88	-0.3	47.8	-2.1	57.7	38.0	1.42	-1.70	0.2	Calgary, Alberta	26.35	29.82	-0.07	51.8	+2.8	68.7	37.4	1.32	-0.17	0.0
Montreal, Que.	27.72	29.93	29.88	-0.0	52.2	-2.5	61.9	42.4	3.11	+0.03	T.	Banff, Alberta	25.30	29.91	-0.07	47.8	+0.8	61.3	34.3	0.87	-0.55	0.0
Bissell, Ont.	29.35	29.96	29.35	+0.2	50.6	-1.3	68.6	34.5	2.17	-0.43	0.0	Edmonton, Alberta.	27.51	29.77	-0.12	55.7	+4.9	68.7	42.6	2.71	+1.11	0.0
Ottawa, Ont.	29.58	29.90	29.58	-0.4	53.4	-1.5	65.1	41.6	3.00	....	0.0	Prince Albert, Sask.	28.30	29.82	....	54.4	+6.8	68.5	40.3	1.94	+0.78	0.0
Kingston, Ont.	29.63	29.95	29.63	-0.1	51.9	-1.0	61.3	42.6	2.35	-0.40	T.	Battleford, Sask.	28.14	29.85	....	56.8	+5.8	69.0	44.6	2.80	+1.68	0.0
Toronto, Ont.	29.58	29.96	29.58	-0.2	55.6	+2.4	67.1	44.1	1.01	-1.64	0.0	Kamloops, B. C.	28.69	29.95	....	57.2	....	68.0	46.4	1.70	+0.34	0.0
White River, Ont.	28.04	29.98	29.82	+0.1	47.9	+2.2	64.7	31.1	1.88	+0.37	0.0	Victoria, B. C.	29.90	30.00	....	53.6	+1.6	59.6	47.6	1.04	0.00	0.0
Port Stanley, Ont.	29.32	29.96	29.32	-0.1	54.6	-1.5	64.1	45.1	1.87	-0.97	T.	Barkerville, N. W. T.	25.57	29.85	....	46.3	+0.8	60.1	32.5	2.84	+0.17	0.0
Saugeen, Ont.	29.25	29.97	29.25	+0.1	52.3	+1.6	62.1	42.4	8.44	+0.87	T.	Hamilton, Bermuda.	29.95	30.11	+0.08	69.0	-0.4	74.2	63.8	7.47	+2.70	0.0

